je Klining Inumal,

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

No. 1629.—Vol. XXXVI.

LONDON, SATURDAY, NOVEMBER 10, 1866.

(SUPPLEMENT) (STAMPED ... SIXPENCE. UNSTAMPED ... FIVEPENCE.

Mining Exchange, London.

MINING EXCHANGE, LONDON.—As the rules of the Mining Exchange PROHIBIT all its MEMBERS from ADVERTISING MINING SHARES at FIXED PRICES, the Committee feel it their duty to notify that they have no means of offering redress to such of the public as may deal with those advertising chares at fixed prices.

A List of the Members can be had on application to the Secretary.

M. JAMES CROFTS, STOCK AND SHAREBROKER, No. 1, FINGH LANE, CORNHILL.

(Established 23 years.)

PRINCE OF WALES.—Evidences of a great mine accumulate rapidly and distinctly, and consequently all opinions now point to a great success, as will be seen by reports in the present Journal. The shares have become the most prominent item of the market, for dealing, speculation, or investment, but at the present price they have not advanced to one-half their prospective value. Mr. CROFTS solicits orders for cash, and immediate delivery.

HOLDERS of mining shares DIFFICULT OF SALE in the OPEN MARKET may find purchaser for the same through Mr. CROFTS' agency. Also parties requiring Advice how to act in the DISPOSAL or ABANDOSMENT of doubtful mining stocks may profitably avail of Mr. CROFTS' ing experience on the market in all cases of doubt or difficulty, legal or otherwise.

**See an Essay on the COAL FILIDS OF SOUTH WALES, by Mr. CROFTS, on p. 702 of the Journal dated 3d November.

Bankers: National Bank of Scotland, Finch-lane.

MR. WILLIAM LANE, No. 44, THREADNEEDLE STREET, LONDON, E.C., STOCK AND SHAREDEALER, has FOR SALE the FOLLOWING SHARES, at nett prices:—

25 Chontales, &2 18s. 9d. 50 Frontino and Bolivia, 8s. 9d. 50 Frontino and Bolivia, 8s. 9d. 50 Drake Walls, 9s. 50 G. No. Laxey, 27s. 100 Dale, 2s. 50 G. No. Laxey, 27s. 25 E. del Rey, 2s. 6d. 50 E. del Rey, 2s. 6d. 50 Subt Frances, &23 50 Subt Frances, &23 50 Frank Mills. 50 Son Condurrow, 11s 6d 50 West Wn. Kitzy, 6s. 50 Meal Crebor, 13s. 50 Marke Valley, &436.

MR. LELEAN, ENGLISH AND FOREIGN STOCK AND SHAREDEALER,
11, ROYAL EXCHANGE, LONDON, E.C.
Bankers: Robarts, Lubbock, and Co., Lombard-street,

GUIDE TO INVESTORS.—MR. LELEAN'S STOCK, SHARE, OUIDE TO INVESTORS.—MR. LELEAN'S STOCK, SHARE, AND FINANCE REGISTER for November contains the fourth of a scries of articles on the whole circle of Investments—British and Foreign Stocks and Loans, Bank and Finance, Railway and Insurance, Gas and Water, and Manufacturing and Commercial Shares; with such other information as is necessary to guide intending investors amidst the shoals and quicksands of the multifarious species of investments that now present themselves; and a tabulated statement of the dividende paid during the last five years in English and American Railways. Published by Pottle and Son, 14 and 15, Royal Exchange, London, E.C. Price 6d., or 5s. annually.

CARNARVONSHIRE CONSOLS (LIMITED), AND SHARES FULLY PAID.—MR. LELEAN urgently recommends the lumediate purchase of these shares, now quoved part to ½ prem. Every share was allotted, and they are sure to advance in price.—11, Royal Exchange, E.C.

NOTICE OF REMOVAL.—McNEILL and LONG have REMOVED from 7, Pope's Head-alley, Lombard-street, to 31, THREAD-NEEDLE STREET, LONDON, E.C.

MESSRS. McNEILL AND LONG, STOCK, SHARE, AND MINING DEALERS, 31, THREADNEEDLE STREET, LONDON, E.C.

MR. WILLIAM SEWARD, STOCK AND SHAREDEALER
19, THROGMORTON STREET, LONDON, E.C.

. W I L L I A M W A
STOCK AND SHAREDEALER,
No. 29, THREADNEEDLE STREET, LONDON, E.C. WAR

GEORGE RICE, SHAREDEALER, 78, OLD BROAD STREET, LONDON, E.C., (24 years' experience), Member of the Mining Exchange), DEALS in MINING SHARES at close market prices of the day, either as BUYER or SELLER, for cash or account.

Money advanced on mining shares.

Bankers: Bank of England.

MR. G. D. SANDY, STOCK AND SHAREDEALER,
No. 48, THREADNEEDLE STREET, LONDON, E.C., TRANSACTS
BUSINESS IN EVERY DESCRIPTION OF STOCK EXCHANGE SECURITIES,
MINING and FINANCIAL ENTERPRISES, at close market prices,
BUYER of East Bottle Hill shares. Sellers state number and lowest price.
Correct Daily Price List may be had on application.
Money advanced to any amount on legitimate stocks and shares.
References exchanged.

MR. G. D. SANDY'S MONTHLY INVESTMENT GIRCULAR—SPECIAL NOTICE,—Vide all hitherto published. • 48. Threadneedle-street, London, E.C., Nov. 9, 1866.

WILLIAM MICHELL has FOR SALE, either for cash or for

V the settling—

200 Chontales.

1 Seton.

10 East Caradon.

100 Frontino.

100 Frontino.

100 Great Wheal Vor.

Apply to 42, Cornhill, London, E.C.

"R. J." (Cheltenham).—P— or W—. I can only caution you not to speculate in the shares at present. If the lode is cut poor at the next level they will not be worth much; if cut good, the present price is quite high enough. I. The last sampling was more than six months since; then, surely if the mine is as good as represented another sampling ought to have taken place ere this. The lode has been cut, west of the cross-course, hard and poor.—2. I have no faith in foreign things, the working cost is sofearfully heavy.—3; Would be a good concern in other hands, and it is not unlikely this may take place ere long.—4. If you have any shares I should recommend your getting rid of them. The lodes are very small, and, although the ore is rich, it is never likely to make a lasting mine.

Keep your are on the eve of cutting a bunch of ore.

MR. EDWARD BREWIS is a BUYER or SELLER, for Cash or Sept., 1867, in the undermentioned MINES:—Chiverton. Chiverton Moor. West Chiverton. East Bottle Hill. Chontales Gold. South Condurrow. Prince of Wales. East Lovell. Caldbeck Fells. North Treskerby. Grenville. DYFFRYN CASTELL.—SPECIAL BUSINESS in these shares, to bona fide purchasers, or investors' own advantage.

chasers, or investors' own advantage. No. 8, Warnford-court, Bank, E.C.

POR SALE, the following shares at nett prices:—20 Great South
Tolgus, 21s.: 30 North Treskerby, £3%; 20 North Dolcoath, 5s. 6d.; 50
Prince of Wales, 28s.: 5 West Caradon, £16; 20 West Wheal Kitty; 50 Bottle
Hill, 4s.; 50 Gwydyr Park, 1s. 6d., worth buying; 40 New Lovell, 7s.; 10 Westminster (Limited), £3 (fully paid); 20 Lady Bertha, 7s.; 15 Garlidna, 2s. 6d.;
b0 Rast Bottle Hill, 5s.; 60 North Downs, 6s. 6d.; 10 North Crofty, £1¾; 5 Stray
Park, 20s.; 50 Wheal Crebor, 17s.; 10 Rose and Chiverton United.
Apply to Mr. R. KERISON, 28, Great Winchester-street, London, E.C.
Advice given on the sale and purchase of shares.
Eighteen years' experience in Cornwall and twelve in London.

GEORGE BUDGE, No. 4, ROYAL EXCHANGE M. R. GEORGE BUDGE, No. 4, ROYAL EXCHANGE BULDINGS, LONDON, E.C. (Established 18 years), has FOR SALE at nett prices:—2 Devon Great Consols, £452½; 2 Minera: 5 Rose and Chiverton United; 50 Quebrada: 200 Anglo-Brasilian, 10s.; 100 Don Pedro, 15s. 6d.; 50 Port-Phillip, 17s. 2d.; 50 Prince of Wales, 28s.; 40 Caradon Consols; 50 Postarena Gold; 70 Minerai Rights, 12s.; 50 Chontales; 25 Frank Mills; 100 West Wheal Kity; 60 South Darren; 40 Wheal Agar, 21s.; 2 Providence, £23: 60 South Condurrow, 12s. 6d.; 50 Great South Toigus, 10s.; 5 Tincroft; 10 St. Ives Wheal Allen, 20s.; 2 New Seton, £39½; 100 Gwydyr Park, 1s. 6d.; 20 South Callington; 25 Gonamena, 14s. 6d.; 70 Bottle Hill, 2s. 6d.; 100 South Grenville, 6s.

ORNISH AND DEVON MINES:—PETER WATSON'S
"WEEKLY CIRCULAR," No. 396, Vol. VIII., of yesterday (Friday,
Nov. 9), price 6d. each copy, contains important information on the following

Mines:—
West Caradon.

Bast Lovell.

Chiveton (special).

North Crofty.

Prince of Wales.

North Treskerby.

Wheal Basset.

Wheal Basset.

Wheal Buller.

Wheal Grenville.

And on the Tin Trade and Tin Mines.

79, Old Broad-street, London, E.C.

Grambler & St. Aubyn. Chiverton Moor. St. Ives Consols. West Chiverton. Wheal Clifford Amal-

THE LONDON DAILY RECORD—STOCK AND SHARE LIST.—MR. PETER WATSON begs to call particular attention to the fact that nearly all the afternoon or evening London newspapers contain the prices of stocks and shares up to about One o'clock only (on same day as published), instead of Four to Five o'clock. The difficulties which shareholders and the Investing public have encountered in seeking for correct and latest daily prices induced him, three months ago, at the suggestion of several of his friends and customers, to publish every evening "The London Daily Record—Stock and share List," which is ready at about Haif-pase Five o'clock, and delivered to subscribers in and around London the same evening. It is posted in time for the same evening's mail to country subscribers, who are thus enabled to get the latest prices some eight or ten hours earlier than they formerly lad the means of doing. The importance of this at the present anxious moment must be obvious to all, as the daily fluctuations in prices of railway stocks, banks, financial, and other shares are sometimes very great.

It is his constant endeavour to convey the best and most reliable information (derived from authentic sources), and to give the latest actual marketable prices of buyers and sellers. Every person, therefore, interested in stocks and shares will find it to their interest to subscribe to the "London Daily Record—Stock and Share List." Those who desire to have it sent to them regularly every evening, will please sign the annexed form, and forward to Mr. Peter Watson, 79, Old Broad-street, London, E.C.

Annual subscription, £1 is.; by post, £2 5s. Monthly subscription, by post, 4s. Single copy, 4d.; by post, 2d.

THE LONDON DAILY RECORD—STOCK AND SHARE LIST.

THE LONDON DAILY RECORD-STOCK AND SHARE LIST. Please put my name down as a subscriber to the above Daily List, and forward the same to me, for*

Name
Address

Date....* Here insert weeks or months.
To Mr. Peter Watson, 79, Old Broad-street, London, E.C.

NOTICE OF REMOVAL. MR. EDWARD COOKE, of 2, Crown Chambers, Threadneedle-street, has THIS DAY REMOVED to No. 76, OLD BROAD STREET (ground floor).

M. R. EDWARD COOKE, STOCK AND SHAREDEALER,
Is a BUYER of SELLER of Tresavean, East Levell, Great Vor, Clifford,
Tincroft, North Treskerby, Chontales, Marke Valley, East Caradon, Credit
Foncier, Anglo-American, Atlantic Telegraph, and American securities, at the
current prices of the day. Telegraphic messages promptly attended to.
Satisfactory references given in any town in the United Kingdom.
SPECIAL BUSINESS in West Caradon, either as a buyer or seller.
Baukers: Alliance Bank, Lothbury.

MR. C. A. POWELL, SHAREDEALER, 78, OLD BROAD STREET, LONDON, E.C. (Member of the Mining Eachange), has SPECIAL BUSINESS in West Chiverton, Chiverton, Caldbeck Fells, Frontino, Chontales, Prince of Wales, and East Gravuille.

Parties wishing to BUY or SELL in either of the above will be dealt with at a fir margin on the market price.

Nov. 9, 1866. Bankers: Bank of England.

CALDBECK FELLS LEAD MINES (CUMBERLAND).—
These mines are being developed in a most satisfactory manner. There can scarcely be a doubt but that they will soon rank amongst the best lead mines in the kingdom: 70 tons of lead were sampled on the 30th ult., estimated value £800. A similar quantity is expected for the present month. I strongly advice the purchase of the shares for investment. Present price, 20s. to 22s. 6d. (25s. pald).—C. A. POWELL, 78, Old Broad-street, E.C.

BARTLETT AND CHAPMAN, STOCK AND SHAREDEALERS, 2, BUCKLERSBURY, LONDON, E.C. Bankers: London and Westminster.

MESSES. WILSON, WARD, AND CO., STOCK AND SHAREDEALERS.

16. UNION COURT, OLD BROAD STREET, LONDON, E.C. Messes, Wilson, Ward, and Co. are DEALERS in the FOLLOWING SHARES, at market prices: Frontino and Bolivia Gold, Great Laxey, Caldbeck Fells, Penhale and Lomax, New Wheal Towan, and North Treskerby. Can recommend two good mines for investment, Their fortuightly Circular may be had on application.

| R. WILLIAM MARLBOROUGH, 1, GREAT ST. HELEN'S, BISHOPSGATE STREET. LONDON, E.C. (Established 12 years), has FOR SALE the FOLLOWING SHARES, at nett prices:—
| 1 Wheal Baset, £714, 25 Wh. Edward, 28. 6d. 6d Check Fells, 298 9d. 50 Caldbeck Fells, 298 9d. 50 Caldbeck Fells, 298 9d. 50 Candbeck Fells, 298 9d. 50 Chortales, § dis. 10 East Russell, £395, 1 West Caradon, £1594, 24 8 Condurrow, 9s. 6d. 10 Chriverton, £6096, 24 68 Condurrow, 9s. 6d. 10 Chriverton, £634, 25 East Grenville, 498 6d. 50 West Kitzy, 8s. 9d. 10 Marke Valley, £4 6. 3 16 West Kitzy, 8s. 9d. 10 Marke Valley, £4 6. 3 16 West Mister, £5. 5 East Lovell, £11½, 2 Wheal Buller, £194. 5 Caradon Consols. 3 New Seton.
| 2 Wheal Ragar, 298, 3d. 3 South Frances, £2034. 5 Caradon Consols. 3 New Seton. | Street Prices | Street Price Established 12 years), has less:—
69 Frontino, 8s. 3d. 50 Rosewarne Untd., 7s. 75 Prince of Wales, 27s 6d 10 West Caradon, 215%, 35 Great Retallack, 8s 9d 40 Crebor, 11s. 6d. 10 Chiverton, £67%, 10 E. Carn Brea, £25, 1 West Seton, £1321%, 40 North Crofty, 36s. 9d. 10 East Caradon, £534, 57 Crossvean, £34, 50 Wh. Grenville, 21s, 50 East Rosewarne, 24 Cent. American, 13s 9 50 South Callington.

Bankers: Bank of England, and Consolidated.

INVESTMENT, LOAN, AND BANK AGENCY.—
Established 1889,
BANKERS—London and County Bank.
This Agency undertakes the investment of Capital in British and Foreign Government Stocks and Joint-stock Companies upon advantageous terms.
It is notorious that market prices are in many instances ruled by the operations of speculators, and those who are interested in themaintenance of fictitious values; and, therefore, this Agency makes it a speciality to detach, as far as practicable, bond fide values as separated from market values, with the view to select safe securities, which upon reliable data may be appreciated as the most likely to specifly and substantially improve in value.
Every information afforded to Capitalists, Trustees, and others, who seek investments of a strictly safe and eligible character.
Loans granted on Stocks and Shares having a market value, interest allowed upon deposits, and every description of Bank and Money Agency business transacted.
No. 12, Clement's-lane, Lombard-street, London, E.C.

No. 12, Clement's-lane, Lombard-street, London, E.C.

M R. CHARLES THOMAS is a BUYER of East Seton, West Wheal Kitty, West Godolphin.—No. 3, Great St. Helen's, London,

MR. T. E. W. THOMAS, MINING AGENT AND GENERAL MINING SHAREDEALER, UNION CHAMBERS, UNION COURT, OLD BROAD STREET, LONDON, E.C.
Mr. THOMAS takes this opportunity of strongly advising his elients to purchase the shares of the North Wheal Crofty Mine. They now stand at about \$11\% porshare, and will have a good rise in a short time.—Nov. 9, 1866.

MESSRS. LANE AND GIBBS, 2, ROYAL EXCHANGE,
LONDON, E.C., STOCK AND SHAREDEALERS, AND FINANCIAL
AGENTS, transact business in all kinds of securities at closest nett prices for

ash or account.

Parties of respectability can have transfers registered in their names previous
o payment.

Daily price list on application.
Bankers: London and County Bank.

MR. F. W. MANSELL, 26, THROGMORTON STREET, E.C., and MINING EXCHANGE, LONDON,
STOCK AND MINING SHAREDEALER (Eighteen years' experience).
NORTH TRESKERBY MINE.—I would strongly advise the shareholders to hesitate before selling a single share, no matter where the advice to sell may come from. Place your confidence in the agents, who are the best judges of its capabilities. The mine continues to improve, and will soon command a very high price.

bilities. The mine constitues to improve the price.

Mr. F. W. Mansell, being in constant communication with the leading agents in Devon and Cornwall, should be at once consulted as to the various mines now so prominently before the public. Mr. Mansell, is convinced that large sums of money may now be made by a prudent selection in British Mines, a list of which will be forwarded on application—26, Throgmorton-street, E.C.

Bankers: London Joint Stock.

ESTABLISHED 1852.

S A F E INVESTMENTS FOR CAPITAL,
Paying 10 to 20 per cent. per annum in dividends.
CAPITALISTS, SHAREHOLDERS, and INTENDING INVESTORS

CAPITALISTS, SHAREHOLDERS, and INTENDING INVESTORS
Should at all times consult
SHARP'S GENERAL INVESTMENT CIRCULAR
(Gratis and post free).
It is a SAFE RELIABLE GUIDE, containing valuable information. It also
gives the market prices of stocks and shares of every description, the amount of
dividends, and when they are paid.
HENRY GOULD SHARP, 22, POULTRY, LONDON, E.C.

HENRY GOULD SHARP, 32, POULTRY, LONDON, E.C.

A F E I N V E S T M E N T F O R CAPITAL.

Shares should be bought at once in

N O R T H T R E S K E R B Y C O P P E R M I N E.

Dividends will be resumed in February.

These shares are "certain" to rise 50 to 100 per cent, upon present prices within ix months. They are one of the best, cheapest, and safest investments in Cornwail. Shares close firm, and scarce at 234 to 434. Intending investors should buy at once. The mine never looked so well. At the general meeting, on the 9th uit., they carried forward a "credit." balance of 2668 13s, 4d. They have also sold \$1600. 17s. 6d, worth of ore (excluding in to be sold), against which only one mental's cost is to be charged stherefore; on the 4th December meeting the accounts will show a credit balance of 4600 £1600, and a dividend in February may be relied upon, when they will have about £2000 in hand. The mine speaks for itself.

HENIRY GOULD SHARP, 32, FOULTRY, LONDON, E.C. HENRY GOULD SHARP, 32, POULTRY, LONDON, E.C.

JAMES D. GENN AND CO., STOCK AND SHAREDEALERS, 5. GROWN COURT, THREADNEEDLE STREET, LONDON, E.C.

MR. THOMAS IOMA'S THOMPSON, MINING OFFICES, 12, OLD JEWRY CHAMBERS, LONDON, E.C.

JOHN RISLEY, 32, LOMBARD STREET, and MINING EXCHANGE, LONDON, E.C., has SPECIAL BUSINESS in East Gren-ville, Wheal Buller, and West Caradon shares.

MR, JOHN BATTERS, STOCK AND MINING SHAREBROKER, 13, THROGMORTON STREET, LONDON, E.C.

R. JOHN LITTLE,
STOCK AND SHAREDEALER,
77, OLD BROAD STREET, LONDON, E.C. (late of Redruth).
Immediate attention to orders by telegraph or letter.
Prompt cash settlements.

M. R. JAMES HUME, 74, OLD BROAD STREET, LONDON, E.C. (Member of the Mining Exchange), Executes orders in mining shares at net prices, equivalent to 1½ per cent. commission, and Stock Exchange securities at the usual charge, All communications punctually attended to, and cash sent on receipt of transfer. Bankers: The London Joint Stock Bank.

MATTHEW GREENE, STOCK AND SHAREDEALER, ST. MICHAEL'S HOUSE, CORNHILL, LONDON, E.C. MATTHEW GREENE Is always in a position to BUY or SELL Railway, Banks, Miscellancous, and Mining Shares. Emperial Bank.

MR. WALTER TREGELLAS, 122, BISHOPSGATE STREET WITHIN, continues to deal, at close market prices, in all good sound DIVIDEND and PROGRESSIVE MINES, either for cash or the account.
BUYER of Great Vor, Trelawny, any part of 50 Emily Henrietta, and 2 East Basset shapes, for ego-k. Basset shares, for cash.

cash or account.

Bankers: London and Westminster, Lothbury.

Bankers: London and Westminster, Lothbury.

M. R. J. B. REYNOLDS, 70 and 71, BISHOPSGATE STREET WITHIN, LONDON, E.C.

Business transacted in British and Foreign Stocks, Railway, Bank, Insurance, Financial or Mining Companies Shares, and all Miscellaneous Securities, at the lowest market quotations. Exphanges effected, and purchasers found for shares not generally marketable.

Mr. ReyNoLDs is prepared to deal for cash in—
Westminster Mines. Gothic. Rose & Chiverton Utd. Chontales Gold. Crebor. West Caradon.

Wheal Agar. West Caradon.

Mr. ReyNoLDs refors his elients to his letter, on p. 723.

SOUTH CALLINGTON.—The attention of the shareholders is particularly called to the report in this day's Journal.

Mr. ReyNoLDs does not advertise shares at fixed prices, but is prepared, never-

the report in this Mr. REYNOLDS do Mr. Reynolds does not advertise shares at fixed prices, but is prepared, never-theless, to deal on as favourable terms as those who do.—Nov. 10, 1866.

Published this day.

REYNOLDS'S CIRCULAR FOR NOVEMBERO BANK, Insurance, and Miscellaneous Companies, and a special article on the resent state of the Rayway as an investment, reviewing also the past and present state of the need have kets, with a comparison of the rise and fall in the price of tin, copper, and fall or the price of the comparison of the rise and fall in the price of the copper, and fall or copy for an extension of the rise and sall in the price of the copy of the same time and a copy forwarded gratis to any one who shall apply for the same time and copy forwarded gratis to any one who shall apply for the same time and the copy of the same tim

OUTH CALLINGTON—WEST WHEAL KATTE Mr. J. B. REYNOLDS is prepared to BUY, for cash, ANY NEW Rost SHARES in either or both of these undertakings. Sellers will place with stating lowest price and number of shares. He can also deal as SELLER IN N.

70 and 71, Bishopsgate-street Within, London, E.C., Nov. 10, 1866.

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Original Connespondence.

PRUSSIA AND ENGLAND.

SIR,—The interest, mixed with astonishment, exhibited in England at the success of Prussia in the extraordinary campaign of this year,

at the success of Prussia in the extraordinary campaign of this year, may render the following remarks of a British subject, some years resident in Prussia, worth perusal.

The principles of Political Economy prevalent in England and Prussia for several years back have certainly been very different—at least the favourite laissex faire doctrine has not been the predominant feature in Prussian policy. Prussia has learned many good things from our great constitution and its practical working; she has also been able to avoid many of the errors in administration into which been able to avoid many of the errors in administration into which we have fallen; and many of her most patriotic sons admit that she has still much good to learn from England. Let us, on the other hand, at least condescend to admit we have already learned something

from Prussia, and are ready and willing to learn more.

Out of the many facts and statements which might be adduced the following selections will serve to make intelligible to most hink. ing minds the solid foundation of Prussia's well-earned success, and show, at the same time, how many of the vexatious questions of the day which agitate our old constitution, under the trammels of old laws, habits, and customs, have been boldly and practically solved

-That every man, woman, and child in Prussia is educated is generally known. Without stopping to compare this state of education with that of other continental nations, and the consequences thereof, let us reflect what a sad contrast it affords to the ignorance of a large portion of the agricultural, mining, and other abouring population of many parts of England. Whilst in Ireland we admitted long ago the evil, and applied the remedy of a national school system, yet we have scarcely the courage to maintain it against the caballs of parents and parsons. parents and parsons

2.—Religious toleration is in Prussia a fact, not a mere beasted theory, practically evaded or repudiated on convenient occasions. Here religious distinctions do not trouble the face of society, nor enter into men's minds in matters of business. In a Protestant kingdom Roman Catholic churches and congregations receive their due quota of support from the State. Glebes are provided or retained for the priests, and Roman Catholic archbishops and bishops enjoy their high-sounding titles, and are received at Court and the royal table without any fears that Papacy would become rampant, and either convert the Protestants or rule the State.

3.—That every self-supporting person, even labourers and servants, pay income tax in Prussia in proportion to their income is, perhaps, little known in England; yet it works well here. No outery and agitation against the principle. That it does not diminish the love of Fatherland, drive the people to emigration, or reduce the population, can be easily proved by the well-kept statistics.

4.—That there is no shooting of landlords, nor agragarian disturbances as in Iraland, that lead retains a very high purphase value.

4.—Inst there is no shooting of landlords, nor agragarian disturbances, as in Ireland; that land retains a very high purchase value for agricultural purposes; and yet that there are very few police in the whole country, and no repressive system in these matters requisite, are facts that, as regards the so-called "Irish difficulty," may well court the investigation of a special commission to discover the magic secret of statesmanship in the land question.

5.—The military service, and canabilities of the people therefor.

5.—The military service, and capabilities of the people therefor, with the concomitant arrangements of finance, commissariat, field hospital, field telegraph, &c., have been so clearly explained in the English press, as to require here only to be mentioned for the purpose of awakening attention to the contrast with our own, in reference to efficiency and economy.

6.—As regards trade and commerce, the strenuous exertions Prussia 6.—As regards trace and commerce, the strengous exertions Frussia made in establishing and maintaining the Zollverein—her steady and gradual progress towards free trade, under all the difficulties of working with a great number of petty States, are now fully acknowledged, and, doubtless, served to enlarge and prepare the views of her statesmen, and to train her people for the occurrences and results of this

7.-Coal and iron-the material sources of England's wealth-are at least equally as good, and much more abundant, in Prussia (even before her increase of territory) than in Great Britain and Ireland; besides which they are more available under her well-regulated laws and the great reforms she has made in the last few years. The combination, or "strikes" of men, and the "lock-outs" of masters, which so seriously threaten and jeopardise English industry, are almost unknown here, and impracticable under present legislation. The progress which Prussia has made in the development of her mineral wealth for the last few years is enormous; and the statesman who saw his way to the union of North Germany, knows how to value the large which this misural wealth, who is instituted to the progressiance of the statesman who saw his way to the union of North Germany, knows how to value the lever which this mineral wealth, when further developed, by increased facilities of communication, and confidence for the investment of capital, places in the hands of Government for raising the power of

his country.

8.—The Railways of Prussia have played a great part, both in and war. Like other nations, she learned much of her A B C in railway practice from England. But now, in railway policy, Legis-lature, finance, and practice, the tutor may learn many useful lessons factive, finance, and practice, the tutor may learn many useful lessons from the pupil. Railways in Prussia carry passengers, on the whole, with much more comfort and accommodation than in Great Britain and Ireland, for about half the price—carry minerals (at least coals) rather cheaper, and goods, on the average, at least as cheap; yet British shareholders may be surprised to hear that these railways, though costing for works and railway stock nearly as much as English lines, pay nevertheless generally good dividends—in some cases not merely 6 or 7 per cent., but 17, 20, and up to 22 per cent. upon the share capital. More extraordinary still, these dividends are invariably paid out of the nett profits, after paying off the interest and sinking fund on borrowed monies—the so-called debenture debts in Eng. ing fund on borrowed monies-the so-called debenture debts in Eng land. How happy, from all accounts one reads in the Times, would the debenture holders of the London, Chatham, and Dover be with such results. (It is just a suitable occasion to try the same system—if fairly worked it must succeed). Yet the obligation holders in Prussia have not the protection so much relied on in England—that the share capital should greatly exceed the amount of loan—au contraire, the and that, contrary to English notions of political economy, it was a special bounder duty of the Executive Government to watch over, guide, or direct them, more or less, whether executed at the cost of the State itself or by private companies. Prussia certainly did not give railway companies the doubtful and extravagantly expensive benefit of private legislation by both Houses of Parliament, but passed general laws and placed their administration in the hands of the Executive. Nor, on the other hand, did she leave the public to the Executive. Nor, on the other hand, did she leave the public to the tender mercies of a joint-stock company system, without adequate governmental control. The result is, railways in Prussia have been executed for the actual cost of the works, without the erroneously expensive preliminary and financing expenses so recklessly incurred by, or rather forced on, companies in Great Britain and Ireland and the land of the course of the Executive of the Execu question very fairly arises whether many of the sim and offences so freely attributed to British railway companies should not rather be charged to the erroneous policy system and practices which begatthem. One thing, at least, seems clear, that it would be useful impartially to investigate the system of legislative, financing, Government aid and control of railways, which produces results so beneficial to all concerned, and so much at variance with our own.

9.—In Post Office affairs, much as we have advanced before the hole world in our penny postage, we can still learn something from russia. Every passenger train has a travelling Post Office carriage (free of cost), which takes not only letters to the last minute of th train starting, but conveys an immense parcel delivery, admirably arranged under the Post Office department, wonderfully cheap, and extending by Post Office omnibuses or carriages throughout the whole kingdom. In general a striking feature in all departments of State and business in Prussia is the excellent system of organisation and administration exhibited—a certain amount of bureaucracy, perhaps inseparable from a very exact system, at first strikes the stranger, and especially the Englishman, but continued experience of the practical working out of details removes the impression; and, though officials, high and low, are more numerous, and worse paid, than with us, yet their high state of education, their talent for administration, and, above all, the enlightened liberality and readiness to adopt im-provements exhibited by the heads of departments, afford the most solid grounds for confidence in the success of their undertakings.

Rhine Province, Nov. 5. A CONTINENTAL SUBSCRIBER.

ALGERIA-No. I.

SIR,-Far away to the south, across the Channel, across France SIS,—Far away to the south, across the Channel, across France across the Mediterranean, we come to the coast of Africa. It was so no a Sunday evening in February; there was a great deal more tumble in that tideless sea than was pleasant to voyagers, and the waves breaking against the wall that forms the small but temporary harbour of Philipville rose in flashes of water scores of feet into the rair, forming quite a grand spectacle from the shore. It is my ingention to give a rough sketch of the province of Constantine, taking for this purpose a tranverse section from Stora, the sea port of Philipville, southward through the capital (Constantine), and over the Atlas Mountains, as far as the Great Desert, descanting cursorily as we go along on the physical geography and geology of the district, always bearing in mind that everything is given from a mining point of view, and being by no means bound strictly to the centre line of our narrative. The first glimpse of the country showed me that the shores, cliffs, headlands, and mountains in view were principally of clay-slate; and I was rather proud to find myself in a formation with which I was acquainted, and upon which I had been accustomed to generalise—in fact, I might say, I was at home in a minute; and as I ranged along the cliffs and escarpments of broken rock, marking its stratification and its veins, the principal of which were of that quartzose kind so much seen at Dolgelly, in North Wales, I often said to my companion, "If we look sharply into this white stone, I should not be surprised if we find a piece of gold by-and-bye." However, with reference to that we were doomed to disappointment.

The mountains on this coast rise up from 200 or 300 to 1500 feet in places along the sea-board, the surface covered with cork oak, and other vegetation strange to European eyes, and the sites affording splendid views both of sea and land. I noticed it was in February when we arrived in French Africa, but this did not prevent our getting strawberries, grown in the open cross the Mediterranean, we come to the coast of Africa. It is a Sunday evening in February; there was a great deal m

bounds the Desert 100 miles further inland, has evidently been raised, and probably is now rising, out of the bottom of the Mediterranean Sea. I say this because I noticed that the fossilised shells in the Sea. I say this because I noticed that the fossilised shells in the rock of the mountains of that country, the same as those of Snowdon in our own, were of the same species as those now inhabiting the seas at the foot of those respective mountain ranges. In the schistose rock along the sea side, and by the margin of the River Safsaf, which falls into the sea a short distance to the west of Philipville, I found large bands of good iron ore, some of them from 1 to 2 feet in thickness, containing some 50 per cent. of iron; and if this formation of iron ore had been in this country I have no doubt but that it could be worked to considerable profit. These bands were inclined to the north some 40° from horizontal, and appeared to hold their lines with considerable regularity.

north some 40° from horizontal, and appeared to hold their lines with considerable regularity.
Philipville, was the Rusicada of the Romans, the "Song of the Grasshopper," and some old Roman mining works are found upon the range of those iron beds, while in the town itself the Roman cisterns for holding the water supply are as good and firm now as when they were used by that enterprising and skilful people; in fact, some of those works are now used to supply the modern town. The extentof the ancient amphitheatre testifies to the greatness and luxury of the ancient city, of which the present town is only an insignificant representation. The quantity and preservation of the sculpture is considerable, and useful on two accounts; on the first, because it shows the marvellous ability of those famous old workers in stone, who have left their work behind them as a wonder for all time; and, on the second, because it shows that the country possesses stores of on the second, because it shows that the country possesses stores of treasure of almost every description, not excepting even marble, of which the old quarries at Filfila, from which those sculptures were obtained, still exist, holding seven or eight descriptions of valuable marble, and of which more in another paper. Cornish Miner,

BLASTING BY ELECTRICITY.

SIR,—In last week's Journal appears a description of an electric fuse, and a recommendation of a magnetic machine, founded on suppositions which are utterly untrue. I beg of you, therefore, to insert the following explanations:—Your correspondent says that the frictional electric machine will be affected even by the changes of the weather. I oppose to this that the machine can be very easily fixed in an air-tight case, that the use of India-rubber for the insulators and the disc totally presents the condensation of damp there. lators and the disc totally prevents the condensation of damp thereupon, and that such a machine is not at all affected by damp or changes of weather. One of my machines was during a fortnight in changes of weather. One of my machines was during a forthight in the 66 fm. level of Devon Great Consols Copper Mine, without losing the least of its efficiency. The little damp which is condensed by a lowering of the temperature is absorbed by the chloride of calcium, a very cheap substance, twopennyworth of which will be sufficient for several years. Having done with the influence of damp, we will proceed to the authority of Messrs. Wheatstone and Dr. Abel. With regard to this, I have to say that these gentlemen will certainly not pretend that something which they thought impossible could never be done. I myself did not think the frictional electric machine suitable for blasting underground, and have tried a galvanic battery and be done. I myself did not think the frictional electric machine surable for blasting underground, and have tried a galvanic battery and magnetic machine. Whoever has been connected with the working in a mine or a tunnel will admit that the electric machine must be allowed to fall sometimes, or be upset, and treated in rather a rough way; I could, therefore, not use the galvanic battery, and tried the magnetic machine. The machine I used consisted of 24 magnets, fixed on two discs; 24 induction coils, containing about 80,000 ft. of wire, tried it myself in the construction of the Hattingen and the Möhringen tunnels (railway from Singen to Donaueschingen, Grand Duchy of Baden), till I was convinced that no inconvenience could Experience has convinced me that it is of no good to oblige ner to take care of the insulation of the wires by giving him the miner to take care of the insulation of the wires by giving him a small machine. He must have sufficient electricity at his disposal to be allowed to waste a little of it. I may add that one thing may be cheaper than another thing as to first cost, yet it will turn out to be much dearer in use. The 2l. 2s. magnetic machine, with its 2l. submarineable, is only a little cheaper than my 5. frictional machine (for I have now made arrangements to supply them at that price), with its 3s. worth of iron wire; but in a quarry or a coal mine, where uncovered iron wire can be used inside the holes for blasting with uncovered iron wire can be used inside the holes for blasting with my fuses and my powerful machine, it would be discovered before a fortnight had elaped that it is much cheaper to spend 54. 3s. for machine and wire, and one-tenth of a penny for every blast, instead of 44. 2s. for the magnetic machine and submarine cable and 1d. to 2d. for every blast. Your correspondent, "J. R.," will oblige by stating whether he has really ignited one of the cheap fuses by a magnetic machine, and explain how he made the spark pass from one wire to

the other in the gun-cotton fuse, as the 2l. 2s. or 3l. 3s. magnetic ma chine will certainly not produce a current which leaps over a distance of even 1-100 of an inch.

F. ABEGG.

BLASTING BY ELECTRICITY.

SIR,—I promised in my last to describe the magneto machine applicable to blasting in mines, but before doing so permit me to remark that, in describing the mode of making the fuse, I omitted to mention that in order to cause the explosive compound placed in the cup to ignite, it is necessary that the two wires should be con-nected with a morsel of black lead, as the fuse would not otherwise nected with a morsel of black lead, as the fuse would not otherwise be thoroughly effective. The magneto machine which I think best suited to the purpose is a slight modification of the magnetic exploder devised by Wheatstone—in fact, it may be regarded as a Wheatstone's exploder roughly made. It will ignite at one time from two to twenty-five fuses. It consists of six small magnets, to the poles of which are fixed soft iron bars, surrounded by coils of insulated wire. The coils of all the magnets are united together, so as to form with the external wire and the earth a single circuit. An axis carries six soft iron armatures in succession before each of the coils. By this arrangement two advantages are gained—all the magnets simultaneously charge the wire, and produce the effect of a single magnet, of more than six times the dimensions; and, at the single magnet, of more than six times the dimensions; and, at the same time, six shocks or currents are generated during a single revo-lution of the axis, so that when aided by a multiplying motion applied to the axis, so that when added by a multiplying motion applied to the axis a very rapid succession of powerful currents is produced. Another peculiarity of this apparatus is that the coils are stationary, and the soft iron armatures alone are in motion; by this disposition the circuit during the action of the machine is unbroken. Comparing the relative advantages of frictional electricity and magneto electricity, I think that the greater cheapness of the machine of the latter description will always give it the advantage, part from the consideration that magneto mechanics are much less

chine of the latter description will always give it the advantage, apart from the consideration that magneto machines are much less liable to get out of order. An outlay of 64, or 84, for an electrical machine is one which in comparatively few mines would be sanctioned by the shareholders, especially when it is considered that the best safety-fuse can'now be purchased for about 6d, a coil, and that the accidents in blasting, which, even in the aggregate, are really very rare, occur not, as a rule, after the hole is ready for firing, but through the ignition of the charge in tamping. It is well known by practical men that the advantages of electric blasting are more apparent than real, and considering the comparative smallness of the ends in mines, even this apparent advantage is scarcely appreciable. The smallness of the ends also renders the ignition of several charges simultaneously of very small importance, and a case would scarcely occur where more than three holes could be advantageously fired at once. In such an extraordinary case the object could be fired at once. In such an extraordinary case the object could be quite as safely and conveniently accomplished with the common safety-fuse. The additional length required to bring the three ends together, and ignite them simultaneously, would cost less than a single electric fuse, even of the rough and cheap kind I have described, and the trouble and inconvenience of the machine would be avoided.

The time wasted in blasting by electricity would be enormous, unless each pare of men be provided with a separate machine, as in many instances the miner would, practically speaking, have to go two or three miles to fetch a light whenever he required to fire a hole—a difficulty scarcely necessary intentionally to create. For quarries where there is a good face to work upon the use of electric blasting would undoubtedly be an enormous advantage, and if Mr. Abeger would undoubtedly be an enormous advantage, and if Mr. Abegg confines himself to those he may make his invention highly profitable to himself and useful to those adopting it, for although I am myself favourable to the use of the magneto machine, I am certainly of opnion that Mr. Abegg's is the best frictional machine for blasting purposes that has yet been constructed, and that it acts most effi-ciently. Where, as in the case of quarries, a single machine is ample for the entire works a few pounds difference in first cost is not of much consequence. Let Mr. Abegg confine himself to quarries, and I am sure he will succeed—but not with mines. J. R. Nov. 7.

IMPROVEMENT IN LEAD SMELTING.

SIR,-Knowing the readiness with which anything relating to the Sig.—Rhowing the readiness with which anything relating to the mining interest is inserted in your valuable Journal, I am induced to draw the attention of your numerous readers to an improvement in lead smelting. What I refer to is a new ore-hearth, invented by Mr. Forster, foreman at the smelting-works of the Leadhills Mining Company, Leadhills, N.B. I do not feel myself at liberty to enter into a detailed description of this hearth, but may only at present add that it is a modification of the Scotch hearth. It has now been in constitution for five months during which time a great way experience. operation for five months, during which time a great many experi-ments have been made, evincing in each case the decided superiority of this hearth over the old ones:—

1.—It can be worked continuously without heating. This is of very 1.—It can be worked continuously without neating. This is of very great consequence, as every lead smelter knows that at least one hour is always taken up in heating the hearth and melting the brouse. Now, in this case it only requires to be done once during the week, instead of six times as formerly, and a great saving is thereby effected both in wages and fuel.

2.—No peats are used or required in this hearth,
3.—This hearth has yielded 4 per cent. more lead than the old

4.—The production of lead at any smelt-mill may be increased threefold, without any extra expense in the erection of new buildings, but simply by the introduction of this hearth, which smelts as much lead per week as three of the ordinary hearths do. In the case much lead per week as three of the ordinary hearths do. In the case of a new smelt-mill being erected, this quality is of very great consequence, as not only would a much smaller building be required, but the blast apparatus would also be put up at a less cost than usual, inasmuch as less power would be required to supply one, instead of three, hearths with air. The following account will show the expense of smelting a ton of lead by the two hearths, as proved by experiments made at the smelting-works of the above company:

Total 10s.2d. Total 7s. 5d.

Suppose a smelt-mill produced 2000 tons of lead per annum, there would result in wages and fuel alone a clear saving of 275l, yearly.

Nov. 7.

A MINING ENGINEER.

ON SLATE, AND SLATE QUARRIES.

SIR,—I have noticed many errors in various letters relating to slate in the Journal for some time past; but either the non-importance of the correction or manifest want of practical knowledge of the correspondent was too obvious to warrant my trespassing on your space to set them right. The mention of slate in Mr. N. Ennor's letter in last week's Journal seems, however, to claim some notice, from the authority of the writers or geological matters and the mixfrom the authority of the writer on geological matters, and the mix-ture of much that is true and useful, with mistakes as to facts and inferences. All that he says as to the favourable position and future prospects of slate quarrying is accurate, and deserves attention; and his recommendation to avoid incompetent management, and leave all in the hands of skilled practical quarrymen, planning judicious work for three to five years forward, free from interference by med-dling ignorant directors, is eminently sound and sagacious. Common sense should tell us this is the only way to make slate quarries return profits; and well would it be for the unfortunate shareholders in illmanaged companies were this truth universally acted upon. Instanged companies were this trust different approximation is stranged to the says as to the nature of roofing slate. Not lime, but oxide of iron, mixing with the clay makes slate rust and perish. Nor does lime give slate lamination. The best cleaving slate is a mixture, in proper proportions, of alumina and silica, with a very small percentage of other matters. Such slate is tough, strong, and lasting, whilst clay imbued with oxide of iron makes slate rust and extend the proposed to weather. Again, every man who knows and crumble when exposed to weather. Again, every man who knows slate rock from bastard is, or should be, aware that there is not a black slate in the Festiniog veins. These slates are uniformly blue, of the finest, strongest metal, and have carried first medals in all the exhibitors here and always described the best roofing slate. And as te slating.

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THE NORTH STAFFORD STEEL, IRON, AND COAL

COMPANY, BURSLEM (LIMITED). COMPANY, BURSLEM (LIMITED).

SIR,—The notice respecting the proceedings of this company, which appeared in last week's Journal, not being founded on facts leads to a wrong conclusion. An extraordinary general meeting of the members was held at the Guildhall Hotel, on Tuesday, Oct. 23, for the purpose of confirming a resolution passed at a previous meeting for voluntarily winding-up, the desirability of which was at this meeting fully discussed, after which the meeting declared against the confirmation, not only upon a show of hands, but also by a large majority of votes upon a poll being taken. The business of the company will, therefore, be proceeded with, and the question at issue with Lord Camoys brought to a hearing as early as possible, in order to secure a speedy development of the properties. W. H. Palmers. Sec. speedy development of the properties. Gresham-street, Old Jewry, Nov. 7. W. H. PALMER, Sec.

PEAT AS A FUEL FOR LOCOMOTIVES, &c.

SIR,—A most satisfactory report has just reached England, from Canada, announcing the gratifying intelligence of a successful trial Canada, announcing the gratifying intelligence of a successful trial of peat as a fuel on railway locomotives on the line from Kingston to Montreal, a distance of 177 miles, which was run at an average rate of 25½ miles per hour, including stoppages, consuming barely 3½ tons of peat fuel, the cost of which may be calculated at 22. 9s., or 14s. per ton; against which may fairly be placed, if coal used, 6l., or 40s. per ton for 3 tons; if wood used, 6l. 3s. 6d., or 28s. per cord for 44-10ths cords, showing a great and decided advantage in the relative comparison of fuel costs in the favour of peat. Another advantage, also, was gained in time saved (52 minutes) on the journey with peat fuel, and a still further advantage would have resulted had the neat been manufactured with only 5 per cent, of water in it inwith pent fuer, and a still further advantage would have resulted had the peat been manufactured with only 5 per cent. of water in it instead of having 20 per cent. of water, which the trial pent was estimated to contain. The real working and manipulation of peat is coming fast to sound principles of action, and practice will soon develope that it is worthy the attention and best interests of capitalists and men of business to bring the great peat bogs of the United Kingdom into commercial working quickly.

W. Austin, C.E. Dorset-place, Wellington-road, Holloway, Nov. 7.

THE CHINA-CLAY TRADE OF CORNWALL-No. I. THE ROCHE MINING DISTRICT.

THE CHINA-CLAY TRADE OF CORNWALL—No, I.

THE ROCHE MINING DISTRICT.

SIR,—Absence from home has prevented my writing and laying before your readers the particulars of the CLAY Works in this district until the present time. I will now, however, endeavour to do so, and shall commence with the most southern work—the celebrated Carclaze, a description of which I have no doubt will prove interesting. This large pit, or excavation, is 126 feetdeep from the surface, and is over 2000 yards in circumference, quite open to the view of the stranger from the bottom to the top, with eight water-wheels, one over the other, carrying 48 heads for stamping the tin that is taken out of the clay, which is found in small veins, or lodes, running nearly east and west through the bed of china-clay. How long this place has been working for tin there is no history to show. It has been said that it is one of the places where tin was first discovered in Cornwall; how far this is correct I must leave your readers to judge, or, perhaps, some one will be able to give better information on this subject than I am able to do. There is no doubt, however, that it has been worked for a great length of time, and large profits returned, as the present company has been able to return sufficient tin to meet all the expenses, and to raise 5000 tons of clay per year, free of any charge, and giving a clear profit to the three fortunate shareholders of over 13002 per year each. This place is in the summer senson very frequently visited by the gentry of Cornwall and other parts, to see its antiquity, and, on Oct. 13, was visited by the French Prince Jerome Napoleon and suite, who were highly pleased with the place and the operations throughout. Leaving this place, and passing north, we pass by several small clay works, some of which are returning from 1000 to 15,000 tons per year. From those we next come to the Great Bonny, Nine Stones, Gun Heath, and Wheal Martin, which are all large and extensive works, returning over 3000 tons per year, and the clay o where the clay is discovered, and, if the sample is found to be satiswhere the chy is discovered, and, it the sample is found to be satisfactory, an adit level is taken up at the most convenient place, and brought in from 20 to 40 ft. deep; and when the overburden is removed water is taken in over the top of the clay, or as high as circumstances will admit, when the clay is broken up at an angle of 45°, and the water left to run over it, which carries the clay in to the pits made for its exercise. In these with the day, and the water that the water that the water that the water that the water the water that the water that the water that the water that the water the water that water that water that water the water that water the water that water the water that water that water the water that wat for its reception. In these pits the clay settles down, and the water goes away as pure as when taken in. When these pits are full they are landed into the pans, made of sand or built of stone, about 1 foot deep, and, when hardened sufficient to be removed, it is cut into square pieces, and spread over the ground to dry; and where there are kilns for drying it is run into them and dried by fire. This is considered the cheapest and best way of getting it fit for the market, as there is no wasting with the rain or other inclement weather,

The entire cost of the whole process in getting the clay loaded in the wagons is about 6s. per ton, on an average carriage to port of 2s. 6d., wagons is about 6s. per ton, on an average carriage to port of 28.00., dues 3s., making a total cost of 11s. 6d. per ton; or leaving a profit of about 9s. per ton on all the clay that is raised, which is about 60,000 tons per year in this district alone; thus giving a clear profit of 26,000l. or 27,000l. per year, or over 40 per cent. on the outlay of 1000l, which may be fairly taken as the required outlay for getting the works into an efficient and effectual working. Besides this profit on the china-clay, there is on most all the works a good profit on the tin as in the Carolago Great Bonny. Clives, Great Beam, Wheal tin, as in the Carclaze, Great Bonny, Clives, Great Beam, Wheal Union, &c. At the latter place they are making good progress in heaving in their steam-engine and stamps, and I have no doubt when in course of working they will be able to raise sufficient tin and iron to meet the expense of raising from 2000 to 3000 tons of clay per year, cost free. The Savath Hills will also be enabled to make a clear profit of all the clay that can be raised, and I hope to see this in full operation, as well as the Wheal Union, not only for the welfare of the proprietors, but to give employment to the poor labourers that

maker, wronging the very excellence of his metal, which carries the split as true and fine as a card. When of the proper substance, weighing about 4 lbs. each for 20 in. × 10 in., and so on, and properly put on, the slates make a roof of first-rate endurance. Mr. Ennor needs some lessons in slating. When a slate works loose and breaks, the fault nine times out of ten is in the bad battens, the nails, or the slater. If properly fastened with two good copper or zinc nails of proper length to each shoulder no wind should move good slates, and the nail will be as fast in its hole, if properly made, for years as the day it was put in. The roofs of the Welsh cottages he mentions, kept down by large stones or flags, are those in which the slate was never properly put on. Before making his journey to Wales Mr. Ennor should get from Mr. E. Wilson a shilling pamphlet on "Slate, Slate Quarries, and Slate Quarry Companies," as a useful vade mecum. In visiting the Festiniog quarries, by due search he may find, here and there, slates that have lain on the bank for twenty years, and more than half-buried in earth and wet moss; and, drawing them out, he will see that the under edges are as sharp as the day they were quarried. Had they been what he calls them black slate (now, happily, so seldom seen), they would have been a heap of broken dust before the end of the second winter.

London, Nov. 5. — A MAN OF EXPERIENCE.

THE MINING JOURNAL.

are now out of employment in this district. The number of hands move mployed at the various works in operation is as follows—Clay men 750, miners 260, boys and girls 216—making a total of 1226, put on the various works in operation is as follows—Clay men 750, miners 260, boys and girls 216—making a total of 1226, put of the various works in operation is as follows—Clay men 750, miners 260, boys and girls 216—making a total of 1226, put of the various works in operation is as follows—Clay men 750, miners 260, boys and girls 216—making a total of 1226, put of the various works in operation is

SIR,—The migration and emigration questions are now attracting a great deal of attention from workmen, and I think that if the matter be fairly and freely discussed, neither working miners nor those employing them will have cause to regret that the question has been raised. It is most undesirable that either the attractions of or been raised. It is most undesirable that either the attractions of or the objections to any country should be exaggerated, yet I think that scarcely a statement has been put forward which does not take a most unfair view of the subject either one way or the other. It has been stated by the opponents of emigration that last year a large number of Welsh colliers and miners left south Wales for the United States, and the exodus at one time threatened to become so general as to cause serious apprehension at the iron and coal works that there would soon be a great scarcity of hands. Warnings were addressed to the men at the time, and incontestable evidence was adduced, showing that the specious representations of Interested emigration agents were far from being borne out by facts, but this had little effect in checking the movement. The drain was so great in particular localities that many of the collieries had to go on short time. At last, however, a decided change has been brought about, a number of emigrants having returned, and their account of the position of the miner in the United States is by no means flattering. It is true that wages are about 20 nor cent. higher on the average, but on the other hand the cost of the necessaries of life and other requisites is far in excess, and in reality the collier is better off in this country. These facts have had considerable influence on the miners of the South Wales district, and many that had expressed their intention of emigrating next spring have already determined to remain in their present employment.

Now, I do not mean for a moment to infer that all who emigrate succeed so

Simployment.

Now, I do not mean for a moment to infer that all who emigrate succeed so well as they anticipate, nor do I state that it is not more advantageous to remain in England than to emigrate at all; indeed, the Cornish miners can obtain such high wages in the coal district that I am convinced that they will find it more advantageous to emigrate to the North of England or Scotland than to emigrate to America; but it must not be forgotten that English miners who go to the United States can by ordinary industry become possessed in the course of three or four years of a good freehold property of 10 or 20 acres, and a few sheep and cows to feed upon it; and these are things which cannot be lost sight of by—
Truro, Nov. 6.

A WORKING MINER.

PROSPECTS IN THE CARADON AND LOVELL DISTRICTS. WEST CARADON, AND EAST WHEAL LOVELL.

PROSPECTS IN THE CARADON AND LOVELL DISTRICTS.

WEST CARADON, AND EAST WHEAL LOVELL.

SIR,—I had the pleasure, a fortnight since, of writing on this subject, in which I stated the desirability of sinking a shaft in the unwrought ground at WEST CARADON. I am glad to find that at the meeting of shareholders just held it was decided to carry out this necessary work, which will, in all probability, be attended with results required to not surpassing, any yet met with in the limits of this rich mineral tract of ground; there, like all other mines which are situate within the great mineral channel, the lodes turn out large masses of copper or at at shallow depths; hence, I hold that in carrying out this work the chances of meeting with large deposits at a comparatively small depth are very great. In a similar section of ground, which was developed some years since, and which is parallel to and adjoining it, profit to the amount of 30,000l, was divided among the shareholders in the short space of three years. The richest lode in all the district—Jope's lode—passes through this ground, and wherever it has yet been wrought it has proved productive. A large portion of the returns of SOUTH CARADON, which is adjoining, are now being raised from it, and I need not remind you that this is the richest dividend mine in the county; so that with a few such lodes as these there is not much speculation in operating on the ground in question. Since my last, improvements have taken place in Menadue, Downing's, and Jope's lodes in the eastern part of the mine. In driving west on the latter, in the 16 fm. level, they have cut the little cross-course. In the upper levels, on these lodes, be it remembered, the most productive ground was to the west of this said cross-course: and, indeed, until they had got through it be had been to the will now be continued into this bunch of ore, and the 128 fm. level is not far behind it. These two points alone are very important, inamuch as they will open up sections of ore ground that can be taken a

PENHALE AND LOMAX, AND WHEAL GOLDEN MINES, AND THEIR MANAGEMENT.

SIR,-My business vocations calling me periodically to the neigh bourhood of these mines, I feel interested in their development, fully believing they will prove of considerable value to the locality, and to the shareholders interested therein. It is about twelve months since Penhale and Lomax was started, under the most favourable since PENHALE AND LOMAX was started, under the most favourable and glowing conditions—an ample capital (nominally), a respectable board of directors, and the general management satisfactory. The same may be said of Wheal Golden, although of a more recent origin. My surprise is, however, very great to find on my tours the altered state of things in so short a time, and the complaints loud and general that the pay to the men has been again and again postponed from variously assigned causes, but none that are deemed satisfactory to the men themselves, or likely to inspire the public with confidence in the company or its management as at present carried out. I have, therefore, taken some little trouble to institute enquiries that would solve the mystery of the sudden dropping off of all that was cheering some months since: and the conclusion I have come to from the consideration I have given the subject is that "there is something radically wrong" in the company, its constitution, and its management, and the sooner it is ameliorated the better for the shareholders and all concerned.

In looking over the Share List of the Mining Journal, I find the company have called up 11, 10s. per share on 15,000 shares, which will amount to 22,5002, out of which Lguppose would have to be deducted about 4000. as falling under the lead of free or promoters' shares, which would the Harden and working

alled up 11. 10s. per share on 15,000 shares, which will amount to 22,5002., out of which Lguppose would have to be deducted about 4000. as falling under the head of free or promoters' shares, which would then leave 18,0004, as a working capital, a marvellously large sum for Penhale and Lomax in so short a time, but I make every allowance for the difficulties in getting in money, even when called up, and having a large margin to work upon, say one-third, or 60004., remains in arrear. Havo 12,0004, been judiciously expended on the mines? Nays if the liabilities of the company are so heavy as currently reported, and which yeems to hang gloomily over the mine, has 90004., or one-half, been well spent on the mines? Surely, I think this is a matter that requires a searching investigation. With regard to the management, it is a difficult matter to know on whom devolves the responsibility of spending money by thousands. We frequently see reports from the mines, with the dates affixed, purporting to come whom devolves the responsibility of spending money by thousands. We frequently see reports from the mines, with the dates affixed, purporting to come whom devolves the responsibility of spending money by thousands. We frequently see reports from the mines, with the dates affixed, purporting to come whom devolves the responsibility of spending money by thousands. We frequently see reports from the mines, with the dates affixed, purporting to come stating the progress made in forking, &c. Now, if I am correctly informed, Capt. Kitto must very well know that when he stood sponsor to these reports he has been in the other end of the kingdom, sometimes in Cumberland, Shropshire, in the Isle of Man, or in Wales. To verify his reports he must be quite a locomotive captain. I think I may venture to assert that he has not visited the mines hards a dozen times during the last twelve months; therefore, his services cannot be of so much advantage as they should be in superintending the mine in its heavy outlay. The other agents ar

for the well-being of all concerned in the mine, and hope the mine will be successfully carried through, but the sharcholders must take action to save it from the ruin it is fast drifting into.

Little can be said of WHEAL GOLDEN. Its works seem more economical, as well they should be, seeing that but very little money has as yet been paid on the mine, although a good deal of work has been done; it tells on the price paid for labour under such difficulties. I hope the affairs will be better adjusted, and the dreadful calantity averted that seems likely to overtake the poor men, who have now twelve weeks' money due to them, and unless speedily paid their supplies will be stopped.—Nor. 5.

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SHAREHOLDERS AND DIRECTORS.

SIR,—Ever active, ever energetic, ever speculative, in spite of the severe lesson just received, the characteristic of the Anglo-Saxon race will remain unchanged, and next year the semi-gambling and semi-trading companies will again find favour in the eyes of the public. Shares in undertakings for the manufacture of gas in cupboards, or the extraction of sugar from offal, or the consumption of water as a substitute for fuel, will again be greedily taken up and anxiously dealt in. As a trading community, there onght to be no obstacle in the way of fair and legitimate trading, but in the present state of things it is all on one side. The directors have had much the best of it, and very unfairly so, simply because the remedies in an appeal to the higher courts of Equity are either out of reach of shareholders, or not understood by them. And then, another piece of injustice: the directors having complete control of the funds of the company, the shareholders' money is too frequently used with the utmost laxity in defending themselves.

For the sake of illustration, we will suppose a company whose registered object appears to be (prima facie) for the purpose of making a ladder to reach from the bottom to the top of Mount Blanc, with a capital of 100,000%, in 20,000 shares of 36, each. Four directors undertake this arduous task, and charge the company 1000% per annum for their services; one of these gentlemen doing double duty as director and secretary, for which has to directors the company to the company will knowing that the sum of money so placed at their disposal will not give them the remotest the shareholders and at the end of three years the directors and substance of carrying out the object for which the company is formed, no more shares are taken, and at the end of three years the directors and asone the su

Meetings of Mining Companies.

UNITED MEXICAN MINING COMPANY.

The ordinary half-yearly general meeting of shareholders was held

at the offices of the company, Finsbury-circus, on Wednesday,
Mr. C. Morris in the chair.
Mr. W. M. Browne (the secretary) read the notice convening the
meeting. The general operations, showing the approximate result of
the operations of the company in Mexico for the six months ending
June, 1866, resulted in an excess of outlay of \$13,538.
The report of the directors stated that of the excess of expenditure,

the operations of the company in Mexico for the six months ending June, 1866, resulted in an excess of outlay of \$13,538.

The report of the directors stated that of the excess of expenditure, \$10,440 had been expended on the new mines in the Oscura district—an outlay fully justified by the favourable indications met with. The June report stated that the ore in the deep workings of the Mine of Jesus Maria y Jose had improved in quality, but undue importance must not be attached to this circumstance, as the produce from this mine has been and is subject to much fluctuation. It is, nevertheless, a favourable feature, especially as the ore appears to be making downwards over a considerable space of ground. With increased depth there is, however, a corresponding expense, and unless the value of the ore proves of a remunerative character it will become a matter for consideration whether it will be to the interest of the company to continue these operations, thoughin prosecuting works of research there is always the chance of new anth profitable discoveries believe made; and there remains also the quest by which profit may be obtained from the large quantities of poor ore which the mine is evidently still capable of yielding. The directors have this question under their anxious consideration.

Mines in the Guadalupe de ia Oscura District: Since the report of the directors in May last, the operations have been principally confined to the Mine of Enci-nillas, in which ore of a rich class has been discovered. The necessary work of ventilation having been completed in August, the commissioner in his report of that month stated "that buseones had been set to work and some very good ore had been obtained, also that there was every probability of the chief expenses being covered by this means." In his letter, dated sept. 20, he says—"The vendry of the contraction of the means of the contraction of the heached of burna, but as the amount is so small it will be left some time to accumulate before grinding it six taken by the

The CHAIRMAN said that although the accounts from the old mine were, perhaps, not so satisfactory as could be wished, yet the prospects The CHAIRMAN said that although the accounts from the old mine were, perhaps, nct so satisfactory as could be wished, yet the prospects of the new mines were more encouraging than could have been reasonably anticipated. It was not very often that a mine after working only is months was found to pay its expenses, yet the last report from Mr. Fitzerbert stated that these new mines were paying their expenses, but at the same time it was necessary that further means should be provided for the purpose of extending the scale of development. The report referred to the fact that the directors sought permission to make use of certain sums of money in hand standing to the credit of the trust and reserve funds, amounting together to 7000l. Although the directors asked for that power, there might not be any necessity to exercise it for some considerable time, and perhaps not at all. He further stated that Mr. Fitzherbert was about to leave the company's service on account of ill-health, which he (the Chairman) need hardly say had been a source of anxiety to the directors, knowing, as they did, that the health of Mr. Fitzherbert had been failing him for some time past. He concluded by moving that the report and accounts be received and adopted, and that the directors be authorised to act upon the suggestion made in their report.

Mr. PALGRAVE seconded the proposition.

The CHAIRMAN, In reply to a question, stated that the directors, after much negociation, had induced Mr. Furber to return to Mexico as Mr. Fitzherbert's successor, and that Mr. Furber proposed to leave England on Dec. 2.

Mr. J. PHILLIPS (a director) said that in 1854 the company was in a position similar to that at the present time: a capital of 16,000, was then raised for the purpose of carrying on the mines, without which the company must have soon come to an end, but the result was that the mines yielded a profit of over 100,000%, of which there had been paid to the shareholders in dividends 75,000%. As he had already said, the company was in very much th

that he could almost stake his reputation upon that property turning out profitably, if properly developed. Of course capital had to be expended to open it. By authorising the directors to use the trust and reserve funds for a time, and thus prevent the necessity of making a call, the shareholders would be promoting their own interest, by affording the means to develope this important property. He might mention that the same thing was done some years since; the fund was created out of the profits of Jesus Maria, the directors having deemed it right to put aside a certain amount as a reserve fund (which could be used as they pleased), and also an amount to meet certain liabilities, which they might never be called upon to liquidate. Supposing they did use these funds, the time might come when they would want to replace them if profits were realised; but if profits did not arise the shareholders would have to make a portion of the amount good, provided they were called upon to do so. By the adoption of that suggestion the directors would be assisted, and Mr. Furber's hands would be materially strengthened in developing a very valuable property. Mr. FURBER said he left Mexico in March, 1865, on account of ill-health, having managed the Jesus Maria Mine and others in the same district for 22 years. As regards the old mine, the question in his mind was whether, by increasing the extraction, dividing the general expenses over a large surface, a profit could not be realised where now a loss was made. His object would be to endeavour to reduce the general expenses, and at the same time increase the extraction. If he failed to make the poor ore give a profit he should recommend that the mine be given up, and that their exclusive attention should be directed to the mines in the Oscura district. There they had different kind of lodes, being narrower, yet much richer. Although the company had expended not more than \$30,000 (6000L), which was no very great amount, those mines were already actually paying their expenses. The

CAPE COPPER MINING COMPANY.

The third ordinary general meeting of shareholders was held at the London Tavern, on Thursday,—Mr. W. BEVAN in the chair.

The third ordinary general meeting of shareholders was held at the London Tavern, on Thursday,—Mr. W. BEVAN in the chair.

Mr. J. C. LEAVER (the secretary) read the notice convening the meeting. The report of the directors stated that the two circumstances that have mainly operated against 1865 were the drought in the colony in that year, and the depressed state of business in this country during 1886. At the end of 1864 there was lying at the mines the large stock of 1145 tons, and during the Cape winter, or carrying season, it was to be expected that this stock and the yield of 1865 would have been removed. As the season advanced, however, it became evident that a most extraordinary drought was affecting the colony. The Veldt, or pasture, that usually during the carrying season affords nourishment to the cattle of the riders, was completely soorched up; the crops were destroyed, and the oxen perished upon the roads. The effect of this was a serious diminution in the quantity carried to the coast. Owing, however, to the zealous efforts of the colonial managers, and the anxiety of the riders to carn sufficient to save themselves from destitution, 3398 tons were, with great difficulty, carried to the coast; leaving the still very large stock of 1727 tons lying at the Ooktep Mine. The chief effect was felt upon the up carriage, as in consequence of the reduced number of wagons arriving at Hondeklip, combined with the exhausted state of the cattle, the riders were not able to take back their usual proportion of return loads. The up carriage, therefore, was small in quantity, and at a very enhanced rate. Good quantities of coal and coke had been dispatched from this country to Hondeklip for the smelting works, with a view to their vigorous prosecution; but the supplies from thence were intermittant and scarce, and the operations, therefore, unprofitable. In this country, owing to the unsatisfactory state of business generally, the prices of copper or fell to an unusually depressed rate, rich ores having sold as low

earried away by the end of the season. By the last advices upwards of 2000 tons were already on the beach waiting the arrival of vessels, and the ore was still coming down daily.

The Mine of Ookiep has yielded during the year has more than made up for the ore extracted, so that the reserves are increased. Much labour has been expended on improving works, consisting of sinking an inclined plane for the more expeditions and economical removal of the ore stuff, and of a large mass of dangerous overhanging top rock. The result of these works, entailing a large present expenditure, will be felt be reafter in the diminution of mines cost and increase of production; but some return of ore has attended them, perhaps nearly sufficient to cover the actual cost of the works. Spectakel Mine has, as was anticlipated some time since, failed to yield sufficient ore to render working it profitable; and although it is highly probable that a bold trial to a greater depth might result in the discovery of valuable ore ground, the company's chief mining agent is not sufficiently sanguine on that point to justify the directors in the necessary outlay. At the Nababeep Mine the trials alluded to in the last report have been continued with vigour, but there have been great fluctuations in the appearance which the workings have presented. From the latest reports Capt. Clemes seems to be disappointed in his expectations as to one portion of the mine, but holds out a more cheering prospect of a part known as the small Kop. Many tons of ores of low quality have been extracted, and there is sonough of rich ore found occasionally to justify a further prospection of the trial of this mine, where the surface indications are very encouraging. The smelting-works were so impeded by the irregularity and shortness of the supply of fuel, that sufficient returns have not as yet been obtained from the furnace to repay the cost expended. During some small portion of the time, however, that the operations were fairly continued the results were such ast ig down daily.

Mine of Ookiep has yielded during the year 3212 mine tons, and the gro

The CHAIRMAN, in moving that the report and accounts just read be received and adopted, observed that the directors had upon that occasion, as had been their custom at previous meetings, placed in the report, as fully as they possibly could, all the remarks which they desired be received and adopted, observed that the directors had upon that occasion, as had been their custom at previous meetings, placed in the report, as fully as they possibly could, all the remarks which they desired to make to the shareholders with regard to the position of the mine; that being the case, there was but little left for him to say, but, nevertheless, be thought, full as the report was, there were one or two poluts upon which the shareholders might be anxious to hear something from him. He must premise that the directors were very sorry to meet the proprietors at that time of year. They had hoped to have met their constituents in the spring instead of the autumn, but the difficulty of arriving at a fair statement of accounts, owing to the delay in bringing forward the ore, had influenced the directors, nowing to the delay in bringing forward the ore, had influenced the directors in postponing the meeting until they were able to render a full and reliable accounts of their stewardship. The accounts—although they did not show a balance sufficient, in the opinion of the directors, to warrant them in declaring a dividend—could not be taken as altogether discouraging, because they had had very many difficulties to contend with, the chief of which had been the adverse state of the copper market; this was followed by a very severe drought. Notwithstanding both these drawbacks they had made a profit of over 13,000. That being the case, he would call the attention of the shareholders to one or two features in the accounts. The cost of production—upon the face of the accounts—seemed to be against the year reported on, as compared with its predecessor. That was, however, in some degree explained by the fact that, taking into consideration the cost of carriage, the ore had been more dressed, and thus the quality of it was, upon the whole, trather in favour of 1865 than 1864. It might truly seem by the cost of carriage, the ore had been more dressed, and thus the quality of it was, upon the whole, trather in favo

directors as to the working of the company was briefly this—that the ores of that mine in 18st sold at an average price of 18s. 6tl. per unit, whilst the ores of the were dealing with gave an average price of 18s. 6tl. per unit, whilst the ores of the were dealing with gave an average price of 18s. 6tl. per unit, whilst the ores of the war. If the prices in the home marked only visit of the same at those of the year. If the prices in the home marked had only ruled the same at those of the year. If the prices in the home marked had only ruled the same at those of the year. If the prices in the home marked worked the considered the shareholders would readily conceive that the drought at one of the producing powers of the mine below in the the considered the shareholders would readily conceive that the drough at one of the falling off in their producing powers of the mine below in the considered in the producing powers of the mine below in the considered in the producing powers of the mine below the producing powers of the mine of the producing powers of the mine of the producing powers of the company, and the bear had had from him a very volunteer to bear. The band's attention had been made will very the contract of the company, and the bear had had from him a very volunteer will be containing many valuable suggestion, which for the producing will be produced to the producing and the dovernment were willing to do something, and he had good reason for the producing will be produced to the producing and the producing will be produced to the producing will be produced to the producing will be produced to the producing and the producing will be produced to the producing will be produ

Major Platt wished to know whether the carriers were friendly disposed towards the company.—The CHAIRMAN replied that they were. They had, in fact, reseived by a recent mail a sort of round robin from the riders and carriers praying the company to continue the present roads, and promising that they would do their best to ensure greater rapidity and regularity in the arrival of the ore at one end and the coal, &c., at the other.

The report was then unanimously adopted.—Upon the motion of the CHAIRMAN the appointment of Mr. Wylde as a director was confirmed.

The CHAIRMAN then moved that the retiring directors be re-elected.—Major PLATT briefly seconded the motion, which was adopted unanimously.

Mr. James King moved, and Major PLATT seconded, the re-appointment of the auditors, which was also unanimously agreed to, and the proceedings terminated with a vote of thanks to the Chairman and directors.

THE SOUTH CORNWALL MINING COMPANY.

An extraordinary general meeting of shareholders was held at the

Guildhall Coffee House, on Thursday,
Mr. ERWIN HARVEY WADGE in the chair.

Mr. Erwin Harvey Wadge in the chair.

Mr. C. Warwick (the secretary) read the notice convening the neeting, which was to the effect that it was for the purpose of taking neir opinion on the past conduct and management of the affairs of the comany, as well as on the proceedings which have been taken by certain share-olders, which have led to such dissentions and misgivings; and to consider the desirability of immediately resuming the works.

The Chairman said that the shareholders were all aware of the ob-

The CHAIRMAN said that the shareholders were all aware of the object for which the present meeting had been convened. He had no doubt from the conflicting statements that had been made, and the innumerable circulars that had been published, that shareholders could neither understand the practical position of the company, how they were to act, nor what they were to believe; therefore, he was pleased to see so large a number of proprietors present to ludge for themselves. At the time of the last general meeting the affairs of the company were in a highly satisfactory condition, as the proceedings, which were fully reported, plainly indicated; but, subsequently, that had been questioned by those—and only by those—who had been instrumental in issuing these abundant circulars. At that meeting the question of the election of new directors resulted in the appointment of Messrs. Brocklehurst and Roby, which selection, to his mind, had not proved a very happy one. The fact that the shares had changed hands at more than 174, 10s. each was a conclusive reply to the chief of Mr. Oliver's allegations; but he (the Chairman) might state that the directors had been quite unable in the whole of Mr. Oliver's circulars to pick out any direct charge, and, therefore, they were unable to reply. Asto the purchase of the two mines—the Carthewand Cleer's Hill—Mr. Oliver had stated in one of his circulars that the directors would not take upon themselves the responsibility of that purchase, although it was recommended in the report of the directors, which recommendation was subsequently confirmed. The special object of the present meeting was to consider the past conduct of the affairs of this company; upon that point he, on behalf of the board, invited every investigation, feeling thoroughly satisfied, if the whole matter wore gone into calmly and dispassionately, that every unbiassed proprietor, setting aslde all experte statements and personal animosities, would see that be would be promoting his best interest by not allowing the com ect for which the present meeting had been convened. He had no out from the conflicting statements that had been made, and the innumerable

personal feeling whatever, except a desire to support the board, provided they had acted fairly; but he believed that the report of the meeting held at 82.
Austell, upon which he and many others purchased shares, was incorrect, if I such were the case he could not think the directors were wortly the connidered of the shareholders.—The CHAIRMAN said he attended that meeting, dence of the shareholders.—The CHAIRMAN said he attended that meeting, dence of the shareholders.—The CHAIRMAN said that he had never actually held less than 80 shares, and sometimes more than 200; and as a proof who was most interested in the development of the property, he was prepared to take 200 of the unallotted shares, provided Messrs. Brocklehurst and Oliver each took a similar number. (Hear, hear.)
A report by Mr. Spooner, public accountant, was read, as follows:—A report by Mr. Spooner, public accountant, was read, as follows:—No. 8.—The books and accounts of this company having been submitted to me for examination, I have to report as follows:—As regards the balance-sheet, published containing the statement of the company's affairs from its commencement, on Nov. 28, 1865, to May 31, 1866, I certify that it is in accordance with the company's books, and that the whole of the balances and amounts are correctly and truthfully inserted in that balance-sheet. Some vonchers for small amounts are not in the company's possession, but I am informed they will be attended to the company's possession, but I am informed they will be stances been signed or vouched. This has now been partly remotics, and the statement to Get. The provided the provided the provided to the company's possession, but I am informed they will be stances been signed or vouched. This has now been partly remotics, and the provided the provided to the company's possession, but I am informed they will be accounted to the state of the company's possession, but I am informed they will be a state of the company and desured the provided the company is affaired to the company is

FOREIGN MINING AND METALLURGY.

FOREIGN MINING AND METALLURGY.

The rough profit realised by the John Cockerill Company in the exercise of 1895-6, the accounts of which have just been made up, amounted to 79,044, as compared with 58,762. In 1864-5. The total of the affairs transacted in 1865-6 was 31,2504, as compared with 412,508. The nett profit of 1865-6 was 31,2504, as compared with 12,500. In 1864-5. The profits of 1865-6 was 31,2504, as compared with 12,500. In 1864-5. The profits of 1865-6 was 31,2504, as compared with 12,500. In 1864-5. The profits of 1865-6 was 31,2504, as compared with 12,500. In 1864-5. The profits of 1865-6 was 31,2504, as compared with 12,500. In 1864-5. The profits of 1865-6 was 31,2504, as compared with 12,500. In 1864-5. The profits of 1865-6 was 31,2504, as compared with 1864-6 was 1864-6 w The rough profit realised by the John Cockerill Company in the exercise of 1865-6, the accounts of which have just been made up, amounted to 79,0442, as compared with 58,7622, in 1864-5. The total

enabled the administration to execute (although not without the greatest efforts) a considerable and even exceptional quantity of work during the past exercise. Great loss was sustained by the company by the destruction of a large number of plans and drawings owned by it; the loss was, however, in part made good by copies obtained from the various branches, as well as from clients and other companies. As regards the material loss sustained by the fire, it was reduced to about 8000t. by the indemnities paid by insurance companies; and, upon the whole, the results obtained in the exercise 1865.6 are financially more satisfactory than could have been hoped. The whole of the profits realised by the company's various esnablishments enable a dividend to be declared at the rate of \$\frac{5}{2}\$. 12s, per share, or 18 per cent. per 20t. share. This result has been attained after large reserves were made for redemptions of capital, &c. As usual, the dividend for 1855-6 is to be paid as follows:—11, per share in the shape of interest, to be distributed Oct. 1, 1868, and 21. 12s, per share in the shape of dividend, to be distributed April 1, 1867 (11, per share in specie, and 11, 12s, per share in a liquidation bond, bearing interest at the rate of 5 per cent. per annum. The exercise in course of execution commenced with a stock of orders amounting to 240,0001, which has been increased during the last three months to the further extent of about 52,0001. An important contract for railway plant, concluded recently on Russian account, and to be shared with the Fives-Lille Company, promises a continued activity to the works of the company. Meetings are announced as follows:—EpinacCollieries and Italiway Company, Nov. 10, at Paris.

The position of copper has much improved at Havre; the result during the last fortnight has been some very sustained affairs in

during the last fortnight has been some very sustained affairs in Chilian, and the demand has peen some very eastern analysis. Chilian, and the demand has peen some peer some peer of the peer upward movement has followed; selling prices have ranged between 77t. and 791. per ton, the article closing at 77t. 10s. to 78t. per ton. This revival in business at Havre will probably lead to an analogous movement on the secondary markets, but at present the modifications noted in prices are not very sensible. At Rotterdam, Dronthelm is quoted at 64fl., and North American at 61 fl. At Havre, United States Baltimore has made 94t. to 96t.; ditto Lake Superior, 94t. to 114t.; Mexican and Plata, in bars, 73t.; Russian, 89t. to 91t.; old yellow copper, 52t. to 57t.; red ditto, 76t.; and bronze, 72t. per ton. At Paris, English in plates has brought, 80t.; Chillan, 78t. les.; and Corocromineral, 82t. 10s. per ton. Atthough the demand for tin is inconsiderable, the amelioration established recently in prices displays a tendency to maintain itself on the Dutch markets; in Germany, there is little change, and the sales made scarcely exceed the requirements of current consumption. At Rotterdam, Banca has brought 4½ ft.; Billiton, 45¾ ft.; and English, 46¼ ft. At A²rais, Banca has made 83′. to 84′.; and Straits and English, 83′. per ton. At Harre, Banca has realised 83′. to 84′.; and Straits and English, 83′. per ton. Lead maintains its price well on the German markets, and at Hamburg some orders for soft German for export have come to hand. At Rotterdam, Stolberg has brought 11½ ft. to 11½ ft., and German, 11½ ft. At Amsterdam, soft lead has realised 81′. ft., and Stolberg has realised similar rates. At Paris, the quotation for Spanish saumons has been 20′. ss., and for French ditto, 20′. 4s. per ton. At Havre, lead has brought 19′. fts. per ton. The Hamburg zine market has remained very firm, and at Breslau the demand has sensibly ameliorated. At Paris, rough Silesian has realised 21′. Its. per ton. At Havre, zine has brought 21′. to 21′. 4s. per ton.

During the exercise 1865-6 the Hoerde Mines and Ironworks Company realised a nett profit of 391,800 thalers, after making large re-

During the exercise 1865-6 the Hoerde Mines and Ironworks Company realised a nett profit of 391,800 thalers, after making large redemptions and deductions. Of the nettprofit of 391,800 thalers, 101,725 thalers were carried to the ordinary reserve, and 290,075 thalers were applied to the distribution of a dividend of 10 per cent. In consequence of the want of experienced miners the collicries of Royal Saxony produce less and less coal, and the natural consequence is an increase in the price of coal. The extraction of the Potschapel Collicries Company declined in its last working year to the exter of one-tenth; the nett profit realised by the company was 11,571 thalers, which admitted of the distribution of a small dividend—3 per cent. for he year. The Belgian General Company for Lighting and Heating by Gas sold during September 11,659,677 English cubic feet of gas, as compared with 10,703,326 English cubic feet in favour of the current year; this concern has now works in operation at Prague, Tournal, Louvain, Charlerol, Chemnitz, Rimini, and Sienna. The evenue of the Partis General Company for Lighting and Heating by Gas increased in September to the extent of 1319 per cent., as compared with September, 1865. In the first nine months of this year the increase in the company's revenue was 45,044, or 676 per cent., as compared with September, 1865. The last dividend of this company was at the rate of 21 per cent., er annum, and the 20t. shares now stand at 63t, to 64t, each.

As regards Prussian mining, we may note that express trains for the conveyance of coal have been established on some of the Prussian

the conveyance of coal have been established on some of the Prussian lines for a considerable time past. The direction of the Cologne and Minden Railway has adopted a similar measure on tariff conditions which have been in operation since July last. Further, the minimum quantity, which had been fixed at 50 tons, has just been reduced to 30 tons for express coal trains for the South. These conditions are very advantageous for the conveyance of Prussian coal. An advance in prices has been decided on by the direction of the Royal Prussian Collieries of the Sarre, and came into operation on Nov. 1. On the Louisenthal coals the advance in prices will be is, per ton; on all other descriptions the advance will be only 3½d, per ton. The price of coke has been fixed at 2s, per ton. The coal of the Ruhr, which has been tried for some time past by industrials of the Liege basin, continues to enter Belgium in rather large quantities. A ship ha; just arrived at Brussels with coal from the Ruhr basin; her cargo, to be more precise, proceeds from the collieries of Ahibusch, near Gelsenkirschen. This coal is being loaded on trucks intended for the Clabbeck Works; 15 other ships will follow, it is stated, the one which has just arrived. the conveyance of coal have been established on some of the Prussian

MINING, METALS, AND MINERALS-PATENT MATTERS. By M. HENRY, Memb. Soc. Arts. Assoc. Soc. Eng.

The bituminous minerals and their products continue to attract considerable attention, and inventive consideration appears to be directed to the obtaining of useful illuminating and heating agents from this extraordinary class of natural productions. Two specifications bearing on this subject may be cited:—BRINJES specification, No. 756, relates to the distillation of bituminous shales and other like substances. He describes an arrangement of apparatus for the purpose; in which one or more horizontal retorts are used another and through tion, No. 750, refaces to the distillation of the purpose, in which one or more horizontal retorts are used, and through these the matters to be distilled are caused to travel from end to end, so that continuous distillation is carried on; the volatile products pass off into a condenser; the retorts may revolve continuously in one direction, or move with a reciprocating motion round their longitudinal axes. They are provided internally with spiral ribs when for revolving continuously, but when they are to receive circular reciprocating movement they are divided by double-inclined projections and amount flanges into comparaments, communicating by openings in the flange opposite the projections,—MKENZIE's specification, No. 759, relates to the obtaining of illuminating gas and oil, by combining bituminous coal with what composite of illuminating gas and oil, by combining bituminous coal with what oil or other universal oil, and in subjecting the mixture to distillation or decomposition at various heats. The patente excludes from the term 'coal' mineral lignite and anthracite. He prefers to use crude shale oil or petroleum.—A patent has been taken out by Bix-eile and dilluorri, Chaptelouwn, near sheffield, for machinery for cutting, kirving, mining, and working coal, minerals, stone, and other cartly matters. In this machine they employ one or more cylinders, containing pistons driven by nir, gas, or other motive elastic fluid; these pistons carry cross-heads, in which the cutters or tols are little. These are so arranged that that those connected with the preceding cylinder. The motive agent which that those connected with the preceding cylinder. The motive agent which that those connected with the preceding cylinder. The motive agent which the same section of material, and pierce to the required depth before the assistance of the same section of material, and pierce to the required depth before the machine moves forward. The cross-heads or the cutters are formed with joints and retaining springs, to allow the cutters to move out of the cutting line while the machine has moving forward. Elastic rings, washers, or blocks are fitted in a hollow in the piston, so as to come against projections on the cylinders, in order to reluce the effect of oncessions. The cylinders are mounted in frames, which reverse horizontal sliding to-and-fro mot one direction, or move with a reciprocating motion round their lon-gitudinal axes. They are provided internally with spiral ribs when for revolving continuously, but when they are to receive circular re-

No. 2797, HUNTER, excavating and mining machinery.—No. 2810, BOUSFIELD (communication from Perkins), preparing sheet-iron plates for being coated with zinc, to produce galvanised iron, and for imitation of Russia Iron.—No. 2819, CLAY and BOWATER, utilising Bessemer and other steel and iron serap.—No. 2821, Williams, fastenings and backings for armour-plates (communication from Gregory).—No. 2825, SHORTHOUSE and FERGUSON, recovering in from waste scrap tinned iron by the use of pickle, from which is recovered copper or other metals held in solution.—No. 2839, GREAVES, apparatus to facilitate unloading and delivering coal, stones, &c., from vessels.—No. 2842, Holman, pumps.—No. 2433, FROST, LEATHER, and NELSON, auxiliary smith's fire.—No. 2847, HARRIS, producing, distilling, and refining hydro-carbon and other oils from shale, Cannel coal, peat, lignite, or bituminous minerals.—No. 2867, CAUVERT, heating.—No. 2851, ROBERTS, artificial fuel.—No. 2857, PIAYER, Inling of retting for puddling-furnaces and containing vessels in which pig or crude iron is converted into wrought-iron or steel.—No. 2858, CLAUDET, treating waste solutions from burnt cupreon syrties.—No. 2866, BROOMAN (communication from Dormoy), puddling.

Any opposition intended to the following Notices to Proceed must be entered on or before Nov. 27:—No. 1701, MILROY, excavating apparatus.—No. 1864, LAKE (compunicated by Rell and Ecol), which lead .—No. 1862 to 1862 Econ.

entered on or before Nov. 27:—No. 1701, MILROY, excavating apparatus.— b. 1703, LAKE (communicated by Bell and Fell), white lead.—No. 1823, FOUR-IJ. Iron and cast-fron.—No. 2192, HUNTER and COOKE, cutting slate, stone while and minorals.

marble, and minerals.

The following Patents are sealed:—No. 1291, York, iron and steel.

No. 1497. No. 1362, HABRISON, hammering sheet metal cylinders and articles.—No. 1427, DMBs, metallic bedsteads, &c.—No. 2230, DAVIS, utilising limestone.—No. 1299, DDLER. holing, cutting, getting, and drilling coals and minerals.—No. 1380, BOSSER, treating metals, metallic ores, and minerals.

-It is claimed that the salt mines of Nevada are the SALT MINES.—It is claimed that the sait indies of Action action best in the country. One bed is reported to cover 52,000 acres, yielding 2,000,000 bushels annually of salt, 95 per cent. fine. As deep as any work has gone the bed is solid rock-salt, and from a depth of 35 ft. the sait water comes so rapidly as to interfere with the work. The sait water wells up to the surface, and overflows the large floor, from which the fine white salt is continually gathered.

MINING NOTABILIA.

[EXTRACTS FROM OUR CORRESPONDENCE.]

PROSPER UNITED.—These important mines are looking well. There

have been sold this week 492 tons of copper ore, and the next monthly sampling is expected to be larger; this is independent of the tin sales.

PRINCE OF WALES.—They have intersected the lode west of crosscourse in the 45, but not sufficient done to say much of its size and character, being in close proximation to the cross-course. So far as seen it is from 3 to 4 ft. wide, composed of spar, capel, mundic, peach, and good stones of yellow copper ore, and looks promising to be of great value, as it leaves the influence of the prossecures.

oross-course.

Mining in Plympton (Devon).—Living in Ridgeway, and examining the different mines of the neighbourhood. I have often thought it singular that I have not seen any account of our nearest mine in the Journal—geologically, and the ancient researches looming up would naturally make a person think that the mineral riches of this part of the country could not yet be perfectly understood. Since the Whrat, Many Huzchinds Mine has been opened it has proved that no tin ore in Europe could be produced of a richer quality, and the mine itself has been worked to advantage, considering its appliances, Since February last above 18 tons of rich tin ore has been sold, in addition to which there is a large quantity at the surface ready for stamping, taken from the back drivage of the adit level only. This adit level is now entering the foot of Hemerdon Hill. The pesent point of drivage is giving 22 ms. of backs, and will materially increase as it advances. Hemerdon Hill is a detached boss of granite, not at all continuous with the bartmoor range, and has already proved very rich; and there is no doubt this neighbourhood, mineralogically speaking, will show itself peculiarly rich. I cannot close this without thanking the worthy, gentlemanly manager, Capt. Edwards, for the ready way in which he furnishe information to any enquirer. I will forward some account of other mines in the neighbourhood.—A GEOLOGIST.

SOUTH OF SCOTLAND.—The market price of progressive mines is not always an indication of their value. When not "rigged," they too often are neglected. None have suffered more from the recent panic, and undeservedly so, than the shares of the South of Scotland Mines. The plant of machinery is complete and paid for, except a crusher which has to be attached to the value, of the mine in depth. The engine-shaft is down to the 30, and a level is now being driven there to get under two shoots or lead ore gone down in the 18 fm. level above, worth each from 2 to 2½ tons per fm., while the stope in the back of the 18 fm. MINING IN PLYMPTON (Devon).—Living in Ridgeway, and examin-

be met with.

WEST CHIVERTON.—The lode in the 90 has improved, and is now valued at 80t, per fathom. The 100 has also improved, and is turning out the best level in the mine. The prospects generally are better than at any former period. At Chiverton. Cookney's shaft is valued at 1 ton per fathon, and the 100, both east and west, is to value. Rapid progress is being made in the building of the new engine-house, and as soon as the engine is creeted good profits may be relied on.

WHEAL LOVELL.—An important improvement has taken be Turnpike lode, which is valued at from 20%, to 25%, per fathom, and AST WHEAL LOVELL—All important improvement has taken in the Turnpike lode, which is valued at from 20t. to 2st, per fathom, and 24 fms, from surface. There is every indication that large quantities of will be returned at an increased depth. This is altogether of the rich north

■d south lodes.

NORTH TRESKERBY.—Looking at the sound position of the mine, nd the splendid prospects, both ascertained and speculative, dividends may be ully expected to commence next month, and there is little doubt they will be of permanent and steadily increasing character, even with copper at the present

SOUTH DARREN.—There have just been sold 60 tons of lead ore for

a permanent and steadily increasing character, even with copper at the present Jow prices.

SOUTH DARREN,—There have just been sold 60 tons of lead ore for 10781., and 80 tons of copper ore are sampled. It is expected that in about ten days another 30 tons of lead ore will be sampled.

CALDBECK FELLS MINE.—The prospects continue to open up as satisfactorily as ever. The 30 and 80 fm. levels west have again improved—other places just the same as last reported. We sampled yesterday 70 tons of ore, 660 of which is good blue lead, and if fine weather continues the quantity at our next sampling, which will take place in about a month from this date, will be still further increased. The walls of the engine-house for the 60-inch pumping engine will be up in a week or ten days, and we shall very soon after that time be ready for heaving in the engine. The dressing-machinery is working first-rate, and doing its work admirably.—S. KITTO.

WEST FRANCES.—A considerable improvement has taken place in the 95 west, now valued at 35L per fathom. In consequence of this, and the generally improved state of the mine, the costs are nearly met. A fair price for tin would put West Frances in a profitable condition.

SHROPSHIRE MINING COMPANY.—On Monday about 6 tons of copper ore were sold from this mine; the best parcel to Messrs. Sins, Willyams, and Co., at 22. 19s. 63. per ton, and the second parcel to Messrs. Sins, Willyams, and Co., at 22. 19s. 63. per ton, and the accordance of the St. Helen's Smelting Company, at 13L, 7s. 64. per ton. There are about 40 tons more on the mine ready for sale. It will be remembered that the company for working this mine was formed during the current year, under the management of Captain John Kitto. The prospects are said to be extremely favourable, and the probability is that it will soon become a first-class dividend-paying mine.

EAST BOTTLE HILL.—In consequence of the discovery recently made on the copper lode in Bottle Hill, and which is still improving, they have commenced operations on the

Most valuable mine.

OLD GUNNISLAKE is likely to be worked with spirit, the outstand-

OLD GUNNISLAKE is likely to be worked with spirit, the outstanding debts have all been paid, and the mine set to work under new management. Captain Henry Rickard, a good practical man, is to be the manager.

WHEAL CRELAKE.—By the report in last week's Journal, it appears that the ends and stopes are improving, and now yielding ore in paying quantity. The disturbed ground under the bed of the Tavy River is now passed through and settled, ground reached, and who that inspects the section but must see that, reasoning by analogy, at least another of those valuable shoots of rich ore which have distinguished this mine must be near at hand; indeed, the appearances in the mine indicate this. The new ground to the west has hithert disappointed expectations, but under the bed of the river it has been disturbed by slides. As the valley is quite flat, it might be expected that the bed of the stream would be in the softest ground. Now, the ground is settled, and the lode is less disturbed than it was close up to the bed of the stream, from whence large returns of ore were made—upwards of 50,000, worth. Large profits would have been realised, but the returns were lost in working the north and south lead lode, and in exploring the ground to the east. Now, when it is considered that these drains are stopped, that the shaft is down to the 116, and all machinery complete, it must be apparent that but a portion of former discoveries is required to cover cost and make profits. The future of this mine demands attention at present.

GLASGOW CARADON CONSOLS.—Brokers who write on the Caradon

GLASGOW CARADON CONSOLS.—Brokers who write on the Caradon GLASGOW CARADON CONSOLS.—Brokers who write on the Caradon district talk of the three Caradons—the West, the South, and the East Caradon. They ignore the Glasgow Caradon, bounding East Caradon, and having the rich shallow shoots of East Caradon dipping into its ground. This mine is not a market mine, but the time is fast approaching for it to take its place. The ends approaching East Caradon have not of late been quite so good, but a continuous shoot of ore, worth from 5t. to 30t. per fin., has been passed through, and now the 52 is worth 6t, per fin., the 65 worth 12t, per fin., and the 7s approaching the ore gone down in the 65. The lode in the 65 end is 5ft. wide, with black ore and prian, very similar to what distinguished the caunter in the 30 in East Caradon, when worth 120t, per fin. The plece of ground just being entered upon lies in a slight hollow, and has the East Caradon ores dipping into it from the west, so there can scarcely be a doubt that valuable discoveries may soon be made. Meantime, the stopes are yielding fairly, and the returns will be increased as the 7s cets into ore ground.

CENTRAL MINERA.—There appears every favourable indication of this mine ultimately becoming both remunerative and lasting. The present returns are about sufficient to meet the expense of working, and it only requires an improvement in the 40 yard level west, of which there is a good prospect, to bring it into a paying condition.

THE LARGE EXPORT AND IMPORT OF SILVER AND GOLD TO INDIA.—At Lloyd's, new insurances continue to be effected upon gold and silver specie coming from Calcutta. Bombay, &c. Lately insurances were effected upon 90,600%, of gold coming from Calcutta. This is the first operation of the kind in gold that has taken place for a considerable period. Gold and silver are usually sent from here to India, but the metals are now attracted to this country in consequence of the difference in the exchanges. The value of silver at the present time in India and the colonies may be estimated from the subjoined statement. Much of the silver sent to Bombay has been latterly involced above its Mint value. This has become so serious an evil that the consignees have found it necessary to combine in taking steps to protect themselves against the loss. It has been computed that the excess of the invoice over the real value has lately averaged more than ½ per cent., and that the practice of reporting silver as being of a better quality than it actually is is greatly on the increase at Bombay. It appears that all silver assayed in France is invariably reported above its real quality. This has, in fact, for many years been the system, as is known and acknowledged by all dealers in buillor. The assayers in London have hitherto escaped this stigma, but it would seem from present experience that the same pernicious system known to the Paris assayers has been lately adopted by or forced upon some one or more of the London houses, and hence a loss of even ½ per cent, has been recently sustained at Bombay upon English silver. The Bombay importers are now compelled to submit to this extortion, and have no redress. The gainers at the Indian importer's expense are the refiners, the brokers, or the assayers. The Bombay importers or by declining to receive bars bearing brands which have attained this anenylable notoriety. The East Indies import the largest amount of silver of any buillion market in the THE LARGE EXPORT AND IMPORT OF SILVER AND GOLD TO INDIA. Bombay importers are now compelled to submit to this extortion, and have no redress. The gainers at the Indian importer's expense are the refiners, the brokers, or the assayers. The Bombay importers of bullion have, therefore, made a stand by refusing to accept silver on French assay, or by declining to receive bars bearing brands which have attained this unenviable notoriety. The East Indies import the largest amount of silver of any bullion market in the feared, fatal injuries on both men.

world, consequently the abuse to which it has been subjected will not be long tolerated. It will have been noticed that instead of India importing buillion it has largely exported that commodity. Whether this will right the matter will be best understood by the professed financier.

The following are the Government Returns of the export of articles The following are the Government Returns of the export of articles identified with mining, the produce and manufacture of Great Britain, for the nine months ending Sept. 30, 1866; and also as compared with the nine months ending Sept. 30, 1865; extracted from the "Accounts relating to Trade and Navigation," published by the Board of Trade:—

DECLARED VALUE FOR THE NINE MONTHS ENDING SEPTEMBER 30.

DECLARED VALUE FOR THE NINE MONTHS ENDING SEPTEMBER 30.

1865,		1866.	Increase.
Coals and culm	£	3,858,640	£ 552,416
Hardware and cutlery :		.,,	
Surgical instruments., £285,083	£388,668		
Agricul, implements 400,614	381,803		
Other sorts2,451,911=3,137,608	2.539.684=	3,310,155	172,547
Machinery:-	2,000,001	0,010,100	112,011
Steam-engines1,458,842	1,160,585		
Other sorts2,403,179=3,862,021	2,192,978	3,353,563	_
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2,102,010	0,000,000	
Total£10,305,853	e:	10,522,358	_
Metals:-Iron-Pig 1,173,290	1,163,534	,,	
Bar	1,737,128		
Railroad2,535,714	3,209,426		
Wire 324,559	343,815		
Ditto telegraphic 118,650	293,675		
Castings 578,129	569,145		
Hoops	1,359,687		
Wrought	2,051,249		
Old 6,461=9,266,536		10,758,491	1,491,955
Steel 517,784	00,002=		
Copper—Unwrought 340,753	428,054	824,097	306,313
Wrought	1,467,921	0.000.014	
Other sorts 128,219=2,221,625			Property.
Brass 167,364		163,107	-
Lead—Pig 394,421	521,566		
Ore 129,196 523,617	175,272 =		173,221
Tin-Unwrought 378,378		287,529	-
Tin-plates		1,476,557	379,975
Zinc 59,107		98,103	38,996
	-		
Grand total £24,536,846	£	26,866,994	£3,115,423
Less decrease—Machinery, 508,4581.; copper			
tin unwrought, 90,849l. =	***********		785,275
m. t. I I.			
Total increase			£9 330 148

The following are the Government Returns of the Imports and Ex-Sept. 30, 1866, from and to the undermentioned places, showing the respective results in favour of and against this country; extracted from the "Accounts relating to Trade and Navigation," published by the Read of Trade:

	Imports.		Exports.		imports.		exports.
Australia				****	-		£4,599,60
Belgium	198,202		1,091,187	****			*****
British South Africa	9,552		4,867		4,685		_
British Columbia	****		-		-		
British North America.	149,984		73,363		num		76,62
Brazil	289,957		880,093		600,136		-
gypt	124,327		2,788,587		2,664,210		Marie .
rance	4,710,273		9,433,702		4,723,427		-
ibraltar	85,645		3,370		-		82,27
lanse Towns	1,313,487		1,095,541		-		217,94
folland	112,784		643,941		********		468.84
falta	32,713		-		-		32,71
Iexico, &c	4,634,873		348,288		et-reduce.		4,286,58
ortugal, &c	483,656		108,234		-		375,45
ussia	158,606		8,597		-		150,00
pain	22,359		153,893		131,534		-
urkey	98,190		_		*****		98,19
nited States	9,298,988		1,005,181		meno		8,293,80
Vest Africa	102,719		46,808		Manage Co.		55,91
Other countries"	1,659,530	••••	787,560		-	••••	871,97
Total							£19,614,58 9,002,29

SOUTH-EASTERN RAILWAY.—The directors have appointed Mr. A. Chubb to the secretaryship of the company, recently vacated by Mr. Samuel miles. Mr. Chubb has been an officer of the South-Eastern Company for above 0 years, and has for many years past discharged the duties of principal acountant to the company.

RAILWAY CALLS.—The amount falling due in Nov. is 772,5281.—aking the total called in the eleven months of the present year, 13,048,4344.

RAILWAY INVESTMENTS.—Lelean's "Stock, Share, and Finance RAILWAY INVESTMENTS.—Lettern's "SOCK, SHARC, and Inflance Register" for the present month, just published, contains the examination of the whole range of investments, especially of railways; and, with a comprehensive review of the position and prospects of the holders of that species of stock, gives a tabulated exhibition of the average dividends for the last five years of 57 British and American lines. The "Register" is enlarged by four pages, and comtains a mass of information that must be very useful to investors.

Messrs. W. L. WEBB and Co., of Finch-lane, in their Circular, Messrs, W. L. Webb and Co., of Finch-lane, in their Circular, have the following remarks respecting gas, dock, and water-work shares:—"Although there has not been any material fluctuation in the prices of gas, dock, and water-work shares since our last report, there is evidently a great disposition on the part of investors to return to the old securities, which offer good rates of interest combined with safety, rather to an risk their capital in railway and financial adventurers, after the late disclosures. Lately we have noticed a steady increase in the demand for shares in a few of our metropolitan gas companies, consequently prices have improved. Imperials have been taken at 74½ xm., and the last issue of 10f. shares at about ½ prem. East and West India and London Dock stocks remain steady, 130 to 132 and 67 to 69 respectively, as also Southampton Dock stocks, which has been taken at 65. East London Water-Works stock remains quiet, owing to a few sellers, who were unable to realise, there being no buyers at present. Shares in the old-established insurance companies are rather in demand—Phomix, Fire, Eagle, and London Provincial Law.

Value of Property 4N The Metropolis.—An elaborate table.

Provincial Law."

Value of Property 4n the Metropolis.—An elaborate table, showing the increase in the raterble annual value of the property in the Metropolitan area, from 1856 to the present time, has been forwarded to us by Mr. Pollarap, of the Metropolitan bard of Works. The figures for each year are given, as also the value of the property in the City of London and the metropolitan parishes within the jurisdiction of the board for rating purposes. The total annual value of property as per county rate, or like basis, is 14,624,642, in the present year, the corresponding total for 1856 having been 11,238,633. The rateable annual value now in preparation for the main drainage rate, but not yet approved by the board, was 15,252,767. In the present month of October. This, at 3d. in the pound, would give 190,639. 11s. 9d., or 49,6134. 16s. more than a corresponding rental would have given in 1856.

PEAT FLOORCLOTH.-The object of the invention of Mr. T. G. PEAT FLOORCLOTH.—The object of the invention of Mr. T. G. GHISLIN, of Hatton-garden, is so to treat peat by chemical and mechanical operations as to bring it into a state in which it may be manufactured into various useful articles, either of a solid, rigid, or of a flexible character. He takes any of the common kinds of peat, and having expelled therefrom, either by the application of pressure, heat, or otherwise, such of the watery particles as can be easily removed, he mixes with it ground or comminuted seaweed, with the addition, if required, of any suitable gums or gum resins, such as India-rubber, gutta-percha, or other substances of that cless, or in place thereof, or in addition thereto, may be added resins natural or artificial, bituminous substances and products of the same, such as pitch or asphalte, paraffin, stearine, or other oily and fatty matters. To give a body and firmness to the mass, chalk, tale, sulphur, siliceous, and other earthy matters may be added. Waste fibrous and woody substances may be incorporated with the other lingredients when it is desired to form, sheets of the To give a body and firmness to the mass, chalk, tale, sulphur, siliceous, and other earthy matters may be added. Waste fibrous and woody substances may be incorporated with the other ingredients when it is desired to form sheets of the material as for floorcloths, and if the surface is intended to be printed metallic oxides, such as white zine, oxide of iron, or other, alum, and other analogous ingredients may be added. The proportions in which the several ingredients are incorporated with the peat must depend mainly upon the character of the peat and the purpose to which the mass of prepared peat is to be applied when made; for instance, some peats will be found to contain so much unctuous, fatty, or bluminous mattert, and some seaweeds so much muchaginous or gelatinous matter, that the addition of more bituminous or gelatinous matter that the addition of more bituminous or gelatinous matter, would be incorporated in such cases. In other cases the peat will be found abundant in fibre, but deficient in adhesive substances, again, for some purposes harduess and rigidity will be required, as for moniding picture frames, or producing articles which are to be ornamented by embossing, such as book covers. For floorcloths and other coverings or articles for which the mass is to be rolled out into thin flexible sheets, a larger proportion of fibre will be required than for solid and rigid articles.

SALE OF A MINE BY PUBLIC AUCTION .- Mr. C. Thomas sold by SALE OF A MINE BY PUBLIC AUCTION.—Mr. C. Thomas sold by public auction, at the London Tavern, on Thursday, by order of the liquidators, the New Wheal Martha and plant, consisting of one 50-inch cylinder pumpingengine, with three boilers, &c., one drawing-engine, with crusher, and all the other plant and machinery belonging to the mine. The plant and machinery was valued at 2078. The parcel of copper ore dressed on the surface was not included in the sale. The lot was started at 3001, and was ultimately knocked down at 530, Mr. C. Thomas then submitted several lots of mine shares, those sold being a the ruling market prices.

Mining Correspondence.

BRITISH MINES.

BRITISH MINES.

BALLACORKISH (Isle of Man).—M. Grose, Nov. 1: The lode in the 24 appears to be disturbed by a channel of quartz, but it is fast wearing out, and splendid specimens of ore are making their appearance. I cannot yet report as to value. We have only now commenced driving north on this lode. The ground is changing fast in No. 2 winze, and symptoms of the lode on the east side are coming in. We may shortly expect to see its full size. The lodge in the 24 is completed, and we are rapidly pushing on, preparatory to recommencing the sinking of the engine-shaft below the bottom cross-cut.

BEDFORD UNITED.—James Phillips, Nov. 7: The eastern stope, in the back of the 115, yields 2½ tons, and the western stope 3 tons of ore per fathom. We are driving by the side of the lode in the 103 west. In the back of this level there are three stopes, worth respectively 3½, 3, and 2½ tons of ore per fathom. The stope in the back of the 58 east will produce 2 tons of ore per fathom. No change to notice has taken place in any part of the north lode since last report.

BEDOL-AUR.—H. R. Harvey, Nov. 7: We commenced to clear the 77 of the stuff broken in cutting down the shaft below the 70 to-day. Jones's pitch, in back of the 77, on the Cottia Waen, is without alteration, still yielding about 15 cwts, of lead ore per fm. Hughes's pitch, in the 70 west, is rather poor; the same remark applies to Price's pitch, east of shaft, in the same level.

BOTTLE HILL.—Jos. Eddy, Nov. 8: South or Copper Lode: We have again this week keen driving by the side of the lode, which will be taken down in the bestuning of the coming week. On the last taking down the lode turned out quite as well as it was valued at, 12°, per fathom—Main Lode: The price of in now being so low, we thought is advisable for the present not to increase cost, but take two pares of men from this lode and put them to drive both east and west on the sould not copper lode. We hope soon to a better price fortin, when we can increase our hands and work more extensively on

for lead. In the south end of Field's level we are getting ore in paying quantities. The tribute bargains are without alteration.

BRYNANTLLECH.—W. Wasley, Nov. 8: Lewis's shaft is now 5 feet below the deep adit level, and good progress is being made in sinking. The ground in the deep adit level, and good progress is being made in sinking. The ground in the deep adit level, north of Lewis's shaft, is favourable for driving, and the lode looking very kindly, and still letting out a deal of water. I have this week put the two men who were working on the slate formation to drive the end on the new lode, which is without muc: alteration since I reported on it last. CARADON CONSOLS.—S. Bennetts, Nov. 6: A bunch or floor of spar having come in contact with Clymo's lode, in the 80 west, has had the effect of rendering its somewhat smaller, and not, quite so productive. The main lode in the 80 east is from 6 in. to 1 ft. wide, very gossany, and producing some good ore. The stopes are without alteration. The winze below the 80 will be down 10 fms, in the course of a week. The gossan lode (some 20 fms. north of Clymo's), on the west side of the cross-course, is 2 ft. wide, composed principally of gossan and spar; considering its being so near the cross-course it has a very promising appearance, and being almost perpendicular, must ultimately fail into Clymo's lode at no great depth.

CARN CAMBORNE—John Truscott, Nov. 5: The ground in the 80 gross out.

the west side of the cross-course, is 2 ft. wide, composed principally of cossan and spar; considering its being so near the cross-course it has a very promising appearance, and being almost perpendicular, must ultimately fall into Clymo's lode at no great depth.

CARN CAMBORNE.—John Truscott, Nov. 5: The ground in the 60 cross-cut north is still in grante, and tolerably favourable for progress. The south lode, in the 69 east, is worth 10?, per fm. the same level west, 15?; and the 50 west, 51, per fm. The 40 west is worth 51, per fm. The 30 west is yielding stones of ore. The 24 east is worth 54, per fm. The same level west is unproductive.

CASTELL CARN DOCHAN (Gold).—J. Parry, Nov. 7: The quantity of lode stuff stamped in October month was 200 tons. Gold obtained from confer stuff this week. 16 ozs. The remainder of last month's produce will be ready for melting this day week. Lode stuff stamped this month to date is 15 tons. The lode in No. 3 stope is at present very hard, about 4ft, wide, spotted with pyrites. CREBOR.—J. Gifford, Nov. 6: We have not cut into the lode in the 120 east to notice. In the 10s east we have cut into the lode is ft, but not through it; so far as seen it is very hard, yielding stones of copper ore, but not to value. No change in any other part of the mine to report on.

CRENVER AND ABRAHAM UNITED.—Wm. Kitto, Nov. 8: The tributers at St. George's stoped last taking 7 fms. 4 ft. 8 in. of ground: the lode turned out 4 tons to a fathom. At the 10 fathom level end the lode is 3 ft. wide, very mundicy, and producing good stones of copper ore; it has improved since last the 90 we shall get a course of copper ore; to attain which object we are making good progress. The ground at the 90 we shall get a course of copper ore, to attain which object we are making good progress. The ground at the 90 we shall get a course of copper ore, to attain which object we are making good progress. The ground in the killan have about 30 tons from St. George's, and about 70 tons more from the producing for t

y at any moment.

AND CORNWALL UNITED.—T. Neill, Nov. 6: In the 24 cro

w Lode: The 70 east is worm at per im.—sound beast, it is not the 70 east, on part, it the 70 east, on part, it the 70 east, on part, it is 15 east, it is 15 east east, it is 15 east, it

ictive.

GUNNISLAKE.—Nov. 8: The shallow adit, east of Gard's shaft, has
d during the week, and is producing good saving work, with every apeaf further improvement.

EAST GNNISLAKE.—Not, 8: The shallow adit, east of Gard's shaft, had improved during the week, and is producing good saving work, with every angular than the week, and is producing good saving work, with every angular than the same as we have had of late in the sing-fact than the same as the same had of late in the sing-fact than the same as we have had of late in the sing-fact than the same as we have had of late in the sing-fact than the same as we have had of late in the sing-fact than the same as we have had of late in the sing-fact than the same as we have had of late in the sing-fact than the same as we have had of late in the sing-fact than the same as who had the same as

or two more soon. At Wheal Widden our tributers have made good discoveries in two of the pitches, and we expect to set for much less tribute next setting-day. On the whole, those mines are lacking better.

or two more soon. At Wheal Widden our tributers have made good discoveries in two of the pitches, and we expect to set for much less tribute next setting-day. On the whole, these mines are looking better.

EAST WHEAL GRENVILLE.—G.R. Odgers, W. Bennetts, Nov.7: The lode in the 95 west is 18 inches wide, composed of quartz, with stones of ore, mundle, &c.; this end is letting out a little more water than it did—a kindly lode. The lode in the 85 west is 29 inches wide, composed of quartz, &c.; from the appearance of this lode it ought to make ore. The lode in the winze sinking below the 85 west is 29 ft. wide, and producing 4 tons of ore per fathom; this winze is very wet, and the lode very vughy—a most promising lode. The lode in the stope above this level is worth 2 tons of ore and about 3t, worth of tin per fm. The lode in the 75 cast is small; we think the ground is changing, and the lode is assuming a better direction, so that we have a better opinion of it. There is no change in the ground in the 75 cross-cut north. The lode in the stope below the 75 west is worth 6t, per fathom. The lode in the stope above the 65 cast is worth 5t.

is assuming a better direction, so that we have a better optation of it. There is no change in the ground in the 73 cross-cut north. The tode in the stope below the 75 west is worth 61, per fathom. The lode in the stope above the 63 cest is worth 51, per fathom; and the lode in the stope below the 65 west is worth 51. The tode in the stope above the 63 cest is worth 52, per fathom. There is no alternation to notice in the other parts of the mine, except the stope west on the south lode. This stope is opening out a large, rich lode further west than I expected; it is new 5 fathoms in advance of the end, and as low as the back of the south lode. This stope is opening out a large, rich lode further west than I expected; it is new 5 fathoms in advance of the end, and as low as the back of the whole, the mine is looking well.

EAST WHEAL RUSSELL.—J. Goldsworthy, Nov. 7: Homersham's shaft is in regular course of sinking below the 140; the ground continues rather hard, which renders the progress somewhat slow. In the 140, east of Robert's cross-dividence of the stope of the water is sufficiently drained. The stope in the back of the 130, east of Barkell's ries, is worth 81, per fan. The stope in the back of the 130, east of Barkell's ries, is worth 81, per fan. The stope in the back of the 130, east of Barkell's winze, is suspended for the present to admit of a rise being put up in the back thereof; the value of the lode will be given when taken down. The costcaning in the north part of the sett is progressing satisfactorily.

—J. Richards, Nov. 8: Homershams shaft is in regular progress is downly as the stope of the stope

the east end of Butler's shaft is worth 8L per fm., west it is not so valuable. We hope in a month's time to get deep enough to set off a 80 fm. level east on the course of the lode, when we think we shall open up profitably productive ground. We are urging on the capstraing and the works in Sieggan's shaft day and night.

GREAT RETALLACK.—George R. Odgers, Nov. 3: Setting Report: The new shaft to ent down and make seeme for an engine-shaft, by six men, at 2L los, per fathom. The adit end to drive north, on the Trebellan lode, by two men, at z. 2s. per fathom. In examining this lode to-day if find it is from 10 in. to 1 ft. wide, composed of a very pretty quartz and gossan, and from which, in the back of the level, I broke stones of lead; the ground by the side of this lode is highly favourable for lead. They set the men to costean in search of the Peru lode, at 2s. 2d, per fm. There is no particular change in the lode in the 9 fm. level, it being composed of the same kind of stuff as I told you on Tuesday; and I have at all to-day brokes stones of lead. The water being too powerful for horses, we have suspended the driving of it until the engine is erected.

GREAT SOUTH CHIVERTON.—I. Nucerrow, J. George, Nov. 2: The shaftmen are cutting down the south side of Gifford's engine-shaft, preparatory to staking on the lode, and are making fair process. The appearance of the lode in the 20 east is all that can be destred for the preduction of lead.

GREAT SOUTH TOLGUS.—J. Daw, Nov. 7: The olde in Noel's shaft, sinking below the 125 fm. level, is 15 ft. wide, producing 4 tone of ore per fathom for the length of the shaft (steed). In the 126, in the lode in bottom of the shaft (steed). In the 126, in level, east of Noel's shaft, the lode is 154 ft. wide, producing 2 tons of ore per fathom.

GREAT WHEAL FORTUNE.—Thomas George, N. T. Spers, Nov. 8: Hossiella of the content of the shaft is 6 ft. wide, presenting a favourable appearance, and showing strong indications of again shortly becoming rich. The lode in the 126, dr

GWYDYR PARK —Win. Smyth, Nov. 6: In Gwyn Lillion adit end west, on east and west lode, the lode is small and disordered. The north end is without change since last report.

HALLENBEAGLE.—W. Bawden, Nov. 3: The ground in Pinniger's engineshalt is more favourable for sinking; the lode is of a favourable character, composed of blende, mundle, and a little copper ore. At Stone's shaft, so as to bring the kible to draw from the 56. I expect early in next week to resume the driving of the 56, east of said shaft. The 47, east of Stone's shaft, seems to be under the influence of the slide. In the 61, east of sump-winze, the lode is 18 in, wide, worth 35, per fm. At Reed's shaft, sinking below the 53, the lode is 18 in, wide, worth 20, per fm. In the 53, east of Reed's, the lode is 1ft, wide, worth 31, per fm. In the 53, east of Reed's, is suspended for the present in consequence of water. In the winze in bottom of the 53, west of Reed's, is suspended for the present in consequence of water. In the winze in bottom of the 53, west of Reed's, the lode is 1ft. wide, worth 41, per fm. There is no alteration in our water to notice. HARWOOD.—J. Race, Nov. 2: There is no alteration worthy of notice in any part of the mine since my report of last week. We are going on with the dressing-floors at Lock's level, enlarging the old level as fast as possible, and I intend to be drawing the work from it with a horse in a month's time. Waltons have not yet got the last sale of ore all away. We have about 15 tons on the floors towards another sale.

HINGSTON DOWN CONSOLS.—T. Richards, Nov. 7: The 140, east of Bailey's, are worth 601, per fm. The stopes in back and bottom of the 130 east and west are worth 601, per fm. The stopes in back and bottom of the 120 east and west are worth 601, per fm. The stopes in back and bottom of the 120 east and west are worth 602 per fm. The stopes in back and bottom of the 120 east and west are worth 602 per fm. The stopes in back and bottom of whe last sale of the lode, worth 302 per fm. We have resume

level consists of black limestone and shale. The pitches in back of this level are the same as last reported. The ground in the big cross-cut is composed of limestone and spar.—Williams's Shaft: The lode in the rise in back of the 49 yard level north is 2 feet wide, composed of chert and clay; this being about the height to meet the run of lead discovered a little to the south we are expecting an improvement to take place. The cross-cut in the 69 yard level is in very promising grannd.

mising ground.

MOLLAND.—T. Bennetts, Nov. 7: The lode in the 72 east is full 31/4 ft. wide, carrying a promising leader on the south side, composed of Iron and quartz,

MOLLAND.—T. Bennetts, Nov. 7: The lode in the 72 east is full 3½ ft. wide, 'carrying a promising leader on the south side, composed of Iron and quartz, associated with good stones of grey copper ore, producing saving work for dress, and, though not rich. We have now about 3 fms, more to drive to get up under the winze sunk below the 62, to which reference has been frequently made in my previous reports. The lode in the winze sinking below our bottom level is a compact kindly lode, about 3 ft. wide, composed principally of a promising quartz, associated with a small quantity of iron, in which as well as in the quartz we meet with good stones of grey orc.

NANGILES.—J. Rowe, Nov. 7: The engine-shaft is sunk to the 130, and we have put the sumpmen to drive a cross-cut to intersect the lode; we expect to meet with the lode by driving 6 feet. We have been taking down the lode in the 120 during the last six days; there is an improvement in the lode in the last 6 feet driving, now worth 201, per fathom, and looking well for a continuance. The stope and rise in the back are worth 81, per fathom; price for stoping 31, 10s. per fathom. We have set a winze to sink below the 107, just over the 120 end; this is wanted for ventilation. We are now much pleased with the appearance of the lode in the 120, and think we have good reason to hope for a good lode in the 130, where it gets under the kindly lode which we have driven through for near 29 fathoms in the 120.

the 130, where It gets under the kindly lode which we have driven through for near 20 fathons in the 120.

NEW BIRCH TOR AND VITIFER CONSOLS.—Wm. Skewls, Nov. 3: The rise in the back of the 48 east is improved, now worth 51. per fm. The 24 east is also improved, and the rise in the 12 east is communicated with the shallow adit. SEW CLIFFORD.—J. Michell, Nov. 7: The late discovery at the engine-shaft has prompted us to push downwards with all possible speed. The engine-shaft is sinking with a full complement of men. The bucket-lift is fixed in the 36; price for sinking 171, per fathom, takers paying all expenses. The engine, pitwork, &c., continues to work excellently, and we are all sanguine of cutting a course of conper ore.

shaft has prompted us to push downwards with all possible speed. The engineshaft is shiking with a full complement of men. The bucket-lift is fixed in the 36; price for sinking 17, per fathom, takers paying all expenses. The engine, pitwork, &c., continues to work excellently, and we are all sanguine of cutting a course of copper ore.

REW CROW HILL.* When the same and although without lead to notice it is a fine looking lode, and, in my judgment, it is almost bound to make a body of ore below this flookan, &c. The winze will be down to the 70 by the end of this week, but the 70 end will not be home for perhaps a fortnight, though I expect we shall cut the lode in the 70 by the end of this week; and, I may add, we have capital stones of lead coming from a a branch now in the cross-cut, which is dipping towards the lode. Some parts of the stopes in the back of the 53 are still looking well, improved since last week, and I think I may say worth now in places 50, per fathom. All at Louisa is going on well. Our little parcel of lead was sold on Saturday, at 23, 16s, per ton, and weighed s tone 16 wets, amounting to 16st, 15s.

NEW TRELIGIA.—S. Michell, Nov. 8: The 66, between Carr's and the new shaft, was communicated on Thursday last, and the men are now engaged making preparation for sinking the new shaft, and cutting ground for trip-plat in the 69. The 60 west is producing good stones of ore, and the end very wet. Each end driving from the winze, east of the new shaft, is yeldling good work, and the end looking very promising. The stope in bottom of the 66, 30 fms, east of the new shaft, is producing 2½ tons of ore per fathom. We are extring on with our next sampling as fast as possible. New Wilks. The 100 Ash. — R. Pryor, Nov. 7: The lode in the adit level driving west is without change to notice since my last report.

NEW WIREAL TOWAN.—A. Pryor, nov. 7: The lode in the ability end of the new shaft have on which the shaft, as producing

ver our last. OLD GUNNISLAKE.—J. Phillips, Nov. 8: The lode in Parker's shaft is with

OLD GUNNISLAKE.—J. Phillips, Nov. 8: The lode in Parker's shaft is without change since last week.

PEDN-AN-DREA UNITED.—W. Tregay, J. Thomas, Nov. 5: Sump: In the 140 north the ground is rather harder for driving; we have 2 fms. further to drive to reach Skimmer's south lode. The lode in the 130 east is small, worth 5L per fm. In the stope in the bottom of this level the lode is worth 16L per fm. The lode in the 130 west is worth 15L per fm. for 6 ft. wide, and no north wall. There has been nothing done in the stope for the week, owing to a run of the cross-course, produced by the water let in from the accident; worth 20. per sml. The lode is west, towards Skimmer's lode, we have frequent branches of good work for tin, which looks well for the bode on intersection. The 120 cast winze is worth 10. per fm. The 100, cast of Bragg's, is worth 12L per fm. The 100, cast of Bragg's rise, is worth 6L per fm.—Cobbler's: The 110 west is unproductive. The 110, in bottom of shaft, is worth 16L per fm. There is much water issuing out of the 30 north, and we are daily expect up to cut a lode which produces it. We sold 32 tons of arsenic at 20s. per top, and 8 tons 4 cwts. 0 qr. 17 lbs. of black tin at Carvedras for as4t, 10s. 7d.

PENNEALLS.—W. Higgins, Nov. 3: The prespects of this mine are much the same as given in last Saturday's general report. The tutworkmen have been descring the lode during the week, and the tribute pitches have undergone no material alteration.

PENHALLS.—W. Higgins, Nov. 3: The prospects of this milke are higher same as given in last Saturday's general report. The intworkmen have been desiding the lode during the week, and the tribute pitches have indergone no material alteration.

Philne 6 of WALES.—Win. Gifferd. Nov. 5: We have commenced driving the 55 to-day both north and south of Watson's shaft; ground favourable. In the 15 west we are not as yet through the cross-course. In the 15 cast we are driving by the side of the lode. In the rise in back of the 15 cast the lode is split into two parts, now worth 154, per fin., but shall not take down any more lode until we hole this piece of ground for ventilation, as the killas is taking horse fast in rising. In the winze in bottom of the 30 cast the ground is very hard and spare for sinking. We set our crusher to work on Saturday, and have now 20 tons of ore crushed.—Now, 8: In the 45, west of cross-course, we have ent into the lode about 3 ft., but not as yet through it; so far as seen the lode is composed of capel, spar, peach, and arsenical mandic, with rich stones of copper ore and tin intermixed; although at present not enough to value, we have every reason to believe, when the lode is opened more fully between the two cross-courses, it will prove a valuable lode for copper ore. In the 45 cast we shall commence taking down the lode to-night, and hope to have it all taken down home to the present end in time to report on for the general meeting on the 15th inst. The ground by the side of the lode in the present end is very favourable.

REINNIE LAXEY.—W. H. Rowe, Nov. 6: The shaft is being sunk with all speed; now down 8 fins, below the 20. I think it better to cross-cut east at the 20 north a few yards further, the ground appearing kindly, and in some way anticipating what we may expect in this direction at the deep adit.

ROARING WATER.—H. Thomas, Nov. 6: During the past week we have made pretty fair progress in sinking Gillman's shaft, and the ground much the same as last reported—rather hard. The

the lode is 1½ ft. wide, composed principally of soft flockan, with a great deal of iron, and more friable quartz than before; in the same level west we have not yet taken down the lode, but shall commence doing so on Monday. In the 40 west the lode is 2 ft. wide, and is producing copper and tin (the proportion of the latter being on the increase), worth together 8, per fm. Vivian's shaft is nearly communicated with the 40, and we expect to get it through in the middle of the ensuing week. In the 30, west of Vivian's shaft, the lode is 15 in. wide, composed principally of quartz and chlorite, with pockets of black copper ore. In the 20 west the lode is 1½ ft. wide, composed of quartz and prian, with mundle scattered throughout it. There is nothing new in the stopes to report. SOUTH DOLCOATH.—W. Roberts, Nov. 7: We have holed the rise from the 56 to the 46 fm, level, and thereby opened a tolerable good piece of tribute ground. The pitch in the back of the 46, over said rise is turning out well.

SOUTH EXMOUTH.—J. It Nicholas, G. Sight mon with all possible speed; the lode in the end is at present small and disordered, but as the end is getting near where the lode made such a favourable change in the 75 s. 22 feet wide, consisting of white iron, quartz, and munde; we also expect a great improvement here shortly. The lode in the 75 is 2 feet wide, consisting of white iron, quartz, and munde; we also expect a great improvement here in the outse of the next four or flav weeks, by which time we hope to get forth under the orey ground driven through at the 60. The stope in the back of the 60 is yielding 3 ewis. of lead per fathom. Since communicating the winze from the 75 to the 90, we have a good run of killas. The each put the same pare to sink a winze in the bottom of the 60 to yendlate the 70.

SOUTH HEROBSFOOT.—W. Goldsworthy, Nov. 3: The engine-shaft is in regular course of sinking below the 70, and good progress is being made; the ground is still improving, and think from the appearance of it we shall have a go

wide, worth 10t, per fm. In the 12, west of Cunnack's shaft, the lode is 2 ft. wide, composed of mundic, prian, and peach, with good stones of yellow copper ore. In the deep adit, west of Wheal Boys shaft, the lode is small and unproductive. We sold on Friday last tinstuff to the amount of 95d, 98, 8d., and expect to sell the like quantity shortly.

VIGRA AND CLOGAU.—W. J. Holman, Nov. 8: From the lode in driving west, from bottom of No. 1 shaft, No. 2 mine, we have, during the week, taken stones of quartz containing visible gold, the quality of the lode stuff has rather improved, showing more bismuth than last reported. The end being driven east from No. 2 shaft is without change. At the Old Clogau Copper Mine we have had a like hindrance, caused by a slight failure in the bottom lift, which has been repaired, and is now working well; the water is down 4½ fms. under the bottom of the 29. At the reduction works 16 heads of stamps are at work. WALKHAM AND POLDICE.—J. Lean, Nov. 5: There is no material change in the 50—rather more water, and ground very congenial for mineral. In the 38, on the main lode, the lode presents a very promising appearance indeed, the leader part of the lode being 18 in. wide, almost solld ore and arsenical mundle. In the 38, on north lode, we have driven through the cross-course; the lode in the west side produces spots of ore. I have for the present removed the men from this place, and put them to drive the 59 south, on the lead course, the leader part of the lode being 4 ft. wide, producing rich stones of lead ore. WEST BASSET.—Will. Roberts, Nov. 7: Grenville's Shaft: In the 144 west the lode is 1 ft. wide, producing zone or ore per fathom. The lode in the winze slinking under the 134 is 2 ft. wide, producing stones of ore. In the 134 west the lode is 11/4, twide, producing your above for rin. The lode in the winze slinking under the 134 is 2 ft. wide, producing stones of ore. In the 144 west the lode is 16/4, twide, producing your works for tin.

WEST GREAT WORK.—S. J. Rued, Nov. 7

There is no change in the 95 west on the south lode. During this quarter we shall sell more tin than in any former three months, and the loss will not be so much as formerly.

WiEAL AGAR.—W. Roberts, Nov. 7: We have almost effected a communication with the rise and winze between the 140 and the 130; the lode in each is similar in appearance and size, being 2 ft. wide, producing saving work for tin; when holed it will open up a good piece of tribute ground. The lode in the 110, east of western shaft, is 1½ ft. wide, producing stones of ore. We are still driving the 150, west of old whim-shaft, but I rather think we shall be obliged to give it up for awhile, as the water is rising slowly. We sold on Monday last instuff amounting to 984. 7s. 104.

Wileal BULLER.—J. Inch. Nov. 7: Stevens's sbast, sinking under the 80, is worth for tin 121, per fm. The 80, west of this shaft, is worth 181, per fm. The 80 east is worth 50. per fathom. The 70 east is producing stones of tin.—Hocking's Shaft: The 80 east, on the north tin lode, is worth for the 121-per fm. The 70 west is worth 51, per fm. The worth 51, per fm. No alteration in any other bargain.

WHEAL EDWARD.—G. Rowe, Nov. 3: Our tribute pitches throughout the mine are a little improved during the past week.

Wileal Edward.—Thos. Bennett, Nov. 5: Since the last general meeting we have completed the sinking of the engine-shaft from the 92 to the 104, cut plat at the 104, and sunk 6 fms. below the same, through a channel of ground favourable for the production of copper ore. We are fixing a 30 fathoms 14-in. plunger-lift, and on its completion shall resume sinking below the aforesaid point; we have had plenty of top-water, and have been enabled thereby to make rapid progress in sinking. We have driven the 194 eastwards on the flookan course 31 fms., where it is highly mineralised: after driving 35 fms. further we shall cross-cut to the lode at a point where (judging from the character and extension of the 800 or or a the 92 and upper levels) we may reasonably expect a g 201. per Im. At 2 ms. east of the cross-cut we communicated to the winze sunk in the bottom of the 80, where the lode yields 2½ tons of good ore per Im. The stopes in the bottom of the 80, west of this winze, are worth 251. per Im.; east of the same, 201.; and in the back, 121. We have nine tribute pitches and tutwork bargains at work, employing 35 miners, which, with dressing pare, make a total of 86. We sold during the last four months 292 tons 7 cwts. of ore, which realised 1627t. 0s. 7d., and sampled at Plymouth, on the 25th ult., 148 tons of good quality ore; and if our present prospects continue, of which we have no doubt, we shall be able to keep up the same until we lay open the lode at deeper levels, where we have good reason to hope, ludging from our present indications, we shall have a far greater extent of profitable ore ground to augment our returns. The engine-shaft bas been sunk with good speed, and the 104 is being driven in like manner, and as both those operations require a great quantity of timber, our monthly costs have been increased by this, and also by the purchase of the principal parts of the pitwork for the plunger; notwithstanding this, and the lowness of the standard, we have made a profit on the four months' working, and we hope the same is only the dawning of a better state of things.

WHEAL GRENVILLE.—G. R. Odgers, W. Bennetts, Nov. 3: The lode in the 120 cast is 18 in. wide, with stones of tin, &c., but not to value. The lode in the 120 cast is 18 in. wide, with stones of tin, &c., but not to value. The lode in the 120 cast is 18 in. wide. Two stopes above the 120 west, the lode being worth 51, and 61, per fathom. Two stopes above the 190 cworth 51, and 61, per fm. The lode in the 180 cast is worth from 104 to 122, per fm. The lode in the stope above the level are worth 81, and 81, per fm. The lode in the stope above the level are worth 82, and 83, per fm. The lode in the stope above the level, where the lode is worth 62 month of the stope above the set is fm. We have no change t

west of cross-cut, no lode has been taken down during the week. In the 24, driving east and west of cross-cut, the lode is worth for tin 44, per fathom.

WHEAL NOIRIS—J. Andrews, Nov. 3: There is no change in the 80 cast, which is now 3 ft. wide, and worth 121, per fm. In the 45 cast the ground is a little harder.

WHEAL SPARNON—W. Tregay, E. Chegwin, Nov. 3: Jardine's Shaft: The shaftmen have secured ground, fixed cistern at the 60, and will arrange pitwork on Monday, when we shall be ready to resume the sinking. Paisford's lode, in the bottom of the levan, which will be the most important ever made from the bottom of the levan, which will be the most important ever made from the bottom of the levan, which will be the most important ever made from the bottom of the levan, which will be the most important ever made from the bottom of the levan, which will be the most of the levan, which will improve ment. The 45 cast, on such lode is a very promising lode in the 50 cast, on middle lode, produces stones of copper ore, and provenies and the levan, which will improve on getting of the cross-course—Cobalt Lode: in the rise in back of the 45 we have broken stones of cobalt, and the lode is a very promising lode indeed, producing much mundic and some very good work for the, and we think will improve on getting of the cross-course—Cobalt Lode: in the rise in back of the 45 we have broken stones of cobalt, and the lode in the 50 cast, on middle lode, producing stones or copper ore, and proveness the second proveness of the construction construction of the corresponding to the cross-course—Cobalt Lode: in the rise in back of the 45 we have broken stones of cobalt, and the lode is a very promising lode of auriferous ore, which we should be a compared to the corresponding to the cross-course—Cobalt Lode: in the rise in back of the second provent of the corresponding to the corr

men, at 41. per fm., lode worth 71. per fm. We also set our usual number of tribute pitches, and we are in the way of dressing, and shall sample in good time our usual quantity.

WHITEWELL...—W. Hill, Nov. 8: Towneley's shaft is now down 24 yards, and I am glad to say that we have got through the hard post of limestone, and shall now be able to make better progress in sinking. The sump sinking below the 16 yard level is not quito so good as last reported. The stopes above this level are improved a little, and are now yielding 3 tons per fm. The stopes above the dit level have been poor this month, but are looking better at present; the forebreast of this level is much harder for progress, and yielding more water. The low level at Brenanad is now driven 66 yards, and I expect to cut the Hush vein in a month or six weeks from the present time. We to-day sold 50 tons of ore, at 11. 16s. 6d. per ton, and I expect to have another 50 tons ready by the end of the month.

FOREIGN MINES.

ST. JOHN DEL REY .- The directors have received the following ad-

ST. JOHN DEL REY.—The directors have received the following advices, dated Sept. 29:—Produce, second division of Sept., 11 days, 16,032 ofts.; yield, 9:794 oits. per ton. Remittance received, 10,755-8 oits.—977-655 lbs. troy.

PORT PHILLIP AND COLONIAL.—The directors have received by telegram from Suez the result of the Sept. working. The quartz crushed was 4400 tons, and the yield 10 dwts. per ton. The mine was looking well throughout. The yield of the previous month was 6 dwts. 5 grs. per ton.

SCHLOSSBERG COLLIERY COMPANY (Bohemia). — Nov. 5: The agent reports that the engine is erected, and of power amply sufficient to drain the colliery, and, winding 14 hours, to raise 250 tons of coal daily. The engine-house is substantially built of stone and brick. The manager and steiger's house and offices are substantially erected of brick and stone. Nine trial shafts have been sunk through, the coal proving its thickness to be from 18 to 21 feet, and its depth from surface 13 to 15 fms. A shaft, 18 ft. by 7 ft., has been sunk to ft. into the coal in the deepest part of the coal field, and is timbered to the bottom; it will cost about 800% more to bring the colliery into good working condition. The cost of raising the coal and carting it to the nearest goods station on the Aussig Teplitz Railway is 1s. 5d. per ton, and its selling price is 3s. per ton, leaving a profit of 1s. 7d, per ton, or on only 250 working days of over 55004, a year on 10,000% capital.

RHENISH CONSOLS.—G. Sweet, Oct. 31: Christians: Since my last monthly report, Astley's shaft has been deepened 2 lachters, it being 4 6-10th

condition. The energy epiliz Railway is is, 3d, per ton, and its selling price is 3s, per ton, teaving a profit of is, 7d, per ton, or on only 250 working days of over the condition of the cond

LUSITANIAN.—In Taylor's shaft the lode is worth 1 ton per metre.

We are cutting ground to the south of River shaft at the 76 for a road, &c.

Basto's lode at this point appears to be quite destroyed by the Mill lode. The
60, west of Oak shaft, contains spots of lead, but not to value. The lode in the
160, cast of Taylor's, is worth 1½ ton per fathom, and the same level west is
worth 1 ton per fathom. The 96, east of Taylor's, is composed of flookan and
quartz. The 28, west of Perez' shaft, yields occasional stones of ore. In the
adit, west of same shaft, the lode produces good stones of ore, We are now
driving east from the end on the course of the branch which is going off in the
north side. The 70, east of the Silde lode, is worth 1 ton per fathom. In the
28 east the lode appears to be split into two parts, but contains spots of ore.
The lode in the 50, west of Taylor's, produces stones of ore. The 70, west of
Taylor's, is composed of flookan; our object in driving this level is to get under
the ore ground worked on above the 60 fm. level, to see if it holds down or not.
The ground in the 50 cross-cut is of a hard gneiss, and the 60 cross-cut, north of
River shaft, is also hard. The 20 cross-cut, south of great caunter lode, is hard.
We have driven through several small strings regular in their underlie, but none
being sufficiently promising to drive on. The ground in the 38 cross-cut is
changing for the better, and we hope we are not far from the lode. The 10
cross-cut is of a very hard gneiss. The lode above the adit, west of Perez'
shaft, is worth ½ ton per fathom. In the stopes above the
50, west of Ernesto's winze, the lode is worth ½ ton per fathom. In the stopes
below the 60, cast of River shaft, the lode is worth ½ ton per fathom. In the
stopes above the 50, east of No.59 winze, the lode is worth
50, west of Ernesto's winze, the lode is worth ½ ton per fathom. In the
stopes above the 50, east of No.59 winze, the lode is worth
50, west of Ernesto's winze, the lode is worth ½ ton per fathom. In the
sto

The bottom of these old workings we have not as yet reached, but to all appearances there is a course of ore gone down at this point, which is about 165 fms. south of main shaft.

VAL TOPPA GOLD.—Piedimulera, Nov. 3: A great deal of the damage done by the flood during last September has been repaired, and, not-withstanding the delays caused thereby in the running of our new mills, we have produced since our last gold remittance, made on the 1st of last month, 22,483 grammes of amalgam, equal to about 200 czs. of gold, value about 700, leaving a very good profit. We expect that our next gold remittance to London will be, consequently, the largest ever made from these mines. The ten new mills work to our satisfaction, and progress is being made with the erection of the ten additional ones, which will enable us to increase still further and largely our gold returns. The lode in the end of the Marmo Rosso level is 3 ft. wide—average ore. The lode in back of this level is 8 ft. wide, yielding ore worth 1½ oz. of gold per ton. No. 2 stope, in back of this level, is 12 ft. wide, yielding ore worth 1½ oz. of gold per ton. No. 3 stope is 10 ft. wide, from which a large quantity of good ore is being raised.

VALLANZASCA GOLD.—Battigio, Nov. 3: Although much time was lost during last month by the repairs of damages caused by the inundations, we are happy to Inform you that we have made since our last remittance, on Oct. 1, 46,764 grammes of amalgam, equal to over 200 ozs. of fine gold, so that we fully anticipate that our bi-monthly remittance, which will be forwarded early next month will be the largest ever made. We have of late been able to employ several new miners, and the raising and carriage of the ore is now becoming more regular. We are happy to inform you of a general improvement in the stopes of the mines, the following being an approximate valuation of the chief points:—The lode in No. 2 stopes, in the back of the same level, is 2 ft. wide, worth 15 dws. of gold per ton of ore. The lode in No. 2 stopes in the

[ADVERTISEMENTS.]

From Mr. Edward Cooke:—A moderate amount of business has been done during the week in a few mines that are showing evident signs of resulting in success. The Metal Market, although not absolutely active, tends toward a favourable reaction, and there are strong indications that the early part of 1867 will witness a most encouraging change in the aspect of business generally. There are several mines now that may be considered absolutely safe to embark in, and which will attain an enormous rise in price at no distant period. The most prominent mine that has been dealt in is PRINCE of WALES, and, judging from the fine prospects this mine presents, it will probably become a very productive and prosperous concern. East Lovell. continues to open out well, although the shares have been somewhat lower. The same may be said of WEST CARADON. I venture to assert, however, that wheever buys into either or both of these mines will see a most satisfactory return for any amount of capital they may invest in it. There are points in both of these mines that may come off any day during the next month that will enhance their intrinsic value to an enormous extent. The prospects and present positions of CALDBECK FELLS cannot be known to the mining public generally, or the shares would not be selling at a discount. There is not a lead mine in England, with the exception of West Chiverton, that presents such prospects of becoming a great mining property as Caldbeck Fells.

With a reduction in the Bank rate there is every probability of an improvement in the price of metals, and already the market for the is improving. The future of mining is beginning to look more hopeful. Attention is being paid to colleries, with the view of bringing them before the public as a means of investment. Certainly there is scarcely anything more remunerative than the working of coal, when once the coal is what is termed won, or discovered. Generally, however, collieries have hitherto been worked principally by private individuals, who have generally reali From Mr. EDWARD COOKE:-A moderate amount of business has

set in vividend property; and, as such, I highly recommend it as an investment of more than ordinary character.

P.S.—A considerable improvement has taken place in South Wheal Basset and East Wheal Lovel since the former part of this article was written. The many states are the company's office last Friday was not satisfactory—much more so than at first sight appeared. The discovery of the cast and west lode was a capital feature. Very much more has the season of the cast and west lode was a capital feature. Very much more has the season of the cast and west lode was a capital feature. Very much more has the season of the cast and west lode was a capital feature. Very much more has the season of the property of the cast and west lode was a capital feature. Very much more has the season of the cast and west lode was a capital feature. Very much more has the season of the cast and west lode was a capital feature. Very much more has the season of the cast and west lode was a capital feature. Very much more has the season of the cast and west lode was a capital feature. Very much more has the season of the cast and west lode was a capital feature. Very much more has the season of the cast and west lode was a capital feature. Very much more has the season of the cast and west lode was a capital feature. Very much more has the season of the cast and west lode was a capital feature. Very much more has the season of the cast and west lode was a capital feature. Very much more has the season of the cast and west lode was a capital feature. We have a capital feature were lode of the market and the properties of the cast and we have a capital feature. We have a capital feature were lode of the feature has a capital feature. We have seen such as a capital feature were lode of the feature has a capital feature. We have seen and the feature has a capital feature has a capital feature. We have seen has a capital feature has a capital feature has a capital feature. We have seen has a capital feature has a capital feature has a

ends are valued in the aggregate at 44l. per fm. The 70 east, on the south part of the lode, continues worth 18l. per fm.

From A. E. PRINCE and Co. (Camborne, Cornwall):—The markets in this county are evidently improving. Banca tin being disposed of at enhanced rates, and a certain firmness connected with copper, is having a cheering effect. Camborne Vean, 1 to 1½. The lode in Grylls' shaft (135 east) continues to yield nearly 7 tons of good ore per fm. At the meeting on Monday the call will be less than that of July. Carn Camborne, 1l. 4s. to 1l. 6s. 8d. Ends, both cast and west, at the 60 are improved, worth respectively 10l. and 12l. per fm. Cook's Kitchen, 4¼ to 5½. Chiverton Moor, 4½ to 4½; Clifford Amalgamated, 7½ to 8; Carn Brea, 13½ to 16. The meeting is on the 1sth. Chiverton, 6¼ to ½; East Basset, 2½; to 25½; East Carn Brea, 2 to 2½; East Grenville, 1½ to 2 !; East Russell, 3 to 3½. East Lovell, 11¼ to 11¾; a good future in store. On the north lode the shaft is sunk to about the 60; lode in bottom worth fully 30l, per fm. The south lode, sinking below the 40 (now down 7 or 8 fathoms), is 3 ft. wide, worth full 50l. per fm. We know not whether the south lode, is intersected at the 60 cross-cut. The stope in the back of the 45 west, on north lode, is worth 12l. per fm. East stope, 23l.; lode 3 ft. wide. The stope in the back of the 45 west (south lode) 35l. The lode in Turnplike shaft (about 25 fms. from surface) is 2 ft. wide and is valued at 18l. per fm. Great Wheal Vor, 15¾ to 16¼; Great Wheal Fortune, 4 to 5; Great North Downs, 13/1 to 2½. Great South Tolgus, ½ to ½. The lode for length of shaft (9 ft.) is worth 4 tons of ore. Grambler, 4½ to 5½. The lode for length of shaft (9 ft.) is worth 4 tons of ore. Grambler, 4½ to 5½. The lode for length of shaft (9 ft.) is worth 4 tons of ore. Grambler, 4½ to 5½. The lode for length of shaft (9 ft.) is worth 4 tons of ore. Grambler, 4½ to 5½. The lode for length of shaft (9 ft.) is worth 4 tons of ore. Grambler, 4½ to 5½. The lode for length of shaft (9 ft

Encouraging news we have from this little mine. South Condurrow, % to %; South Crofty, 12\% to 13. South Frances, 20\% to 21\%. The meeting was on Monday. It may be that a dividend will be declared at the next account. Tincroft, 8\% to 9\%. The 19\%. east of Martin's cast shaft, is worth 16\%. per fm.; 18\%, 104. (It in and copper); and the 18\%, 12\%. per fm. Chapple's lode: the 18\%, west of Downright shaft, is worth 60\%. per fm.; winze sinking under the 200 is worth over 20\%; and the 21\%, east from boundary, is worth 20\%.—Dunkin's lode: The winze sinking under the 142 is worth 12\%. per fm. I shall again refer to many valuable points in connection with Tincroft, which has paid, and will again pay, 20\%. per cent. West Chiverton, 5\% to 60\%; Wheal Agar, 1 to 1\%; Wheal Chebor, \% to \%_\Rightarrow \text{accounty}. Wheal Seton, 13\% to 14\%. Wheal Margery (11\\$ shares) accounts presented at the meeting, on Wednesday, showed a debit balance of 119\%. is. 5\d. A call of 11\%. (11\), per share) was made. The purser says:—"Our hopes of success are in the bottom of the mine, where a great change is evidently taking place. We have now expended upwards of \$7.00\%, in calls paid in and money received for ores sold in developing this mine, and no profit has yet resulted to the shareholders. I may observe that in Providence Mines, adjoining us on the south, we expended upwards of 10\%,000\%, in dividends, and have still a good mine. It would be very satisfactory to us if similar results follow in Wheal Margery." The purser also very justly remarks that "the forths assisted and wereners in Providence Mines, by giving up the dues for eight years, and I am daily expecting to hear from the hords that they will adopt a similar course in this mine, and that I shall have to pass an amount for dues given up to the credit of the mine. It is really to be hoped that after so spirited an outlay the characters in Providence Mines, by giving up the dues for eight years, and I am daily expecting to hear from the hords that they w

MINERAL RIGHTS ASSOCIATION .- The caution and discretion MINERAL RIGHTS ASSOCIATION.—The caution and discretion exercised by the directors has met with general approval among the
shareholders. Had they incurred large liabilities by purchasing properties in Nicaragua they would now have met with much difficulty
in dealing with them, and have had their capital locked up in an
unremunerative investment. As it is, they have been able to conditionally acquire what seems to be a property of extraordinary value
in California on favourable terms. In the circular recently issued,
which directors think it sight to say that they do not anticipate any in California on favourable terms. In the circular recently, "the directors think it right to say that they do not anticipate any call during the present year, and they hope to be able to establish the Milton Willis and Knowlton Company without making one, and they have been supported by the shareholders." We at the same time realise a good profit for the shareholders." We gave full particulars of this property in last week's Journal. To ensure a full allotment, the application and deposit (10s. per share) must be received at the office by the 19th inst. Advices from Mr. Phillips are expected shortly, and a telegram may come to hand any day.

GOLD MINING IN ITALY .- The next remittance is likely to be much larger than that received during the first week in October. The ore maintains its rich quality, yielding about 2 ozs. of gold per The remittances to be received by the Vallanzasca and ton of ore. The remittances to be received by the Vallanzasca and Val Toppa Companies during the first week in December are likely to exceed in value any former remittances from these mines. An important discovery has been made at the Val Antigoria Mines, by ich the prospects of these rich mines have been much improved

ATLANTIC AND PACIFIC RAILWAY THROUGH NICARAGUA.-On ATLANTIC AND PACIFIC RAILWAY THROUGH INCRAGUA.—On Monday the following deputation on the Subject of this important undertaking waited on the Prime Minister:—Mr. J. P. Gassiott, F.R.S.; Capt. Bedford Pim, R.N.; Captain Maury, D.C.L.; Admiral Young, director of the Royal West India Mail Company; Mr. Eden Colville, director of the Panama, New Zealand, and Australia Steam Conyany; Mr. G. Mr. Bowen (Consul for Nicaragua), director of the West India and Pacific Steam Company; Mr. Parke Pittar (Messrs. P. Pittar and Co.); Mr. Hawksley, C.E.; Mr. J. Collinson, C.E.; Mr. George Salmon (Messrs. Mayhew and Salmon); Mr. J. H. Murchison, F.R.G.S.; Mr. A. A. Pollock; Mr. S. W. Silver (Messrs. Silver and Co.); Sir Charles Locock, Bart.; Lieut.-Colonel Money, Mr. G. C. Bompas (Messrs. Bischoff, Coxe, and Bompas), &c. Lord Dealth listoned with attention to the representations made to him Derby listened with attention to the representations made to him, and, after asking several questions, he said that it appeared to him to be a most important international work, and he recommended the deputation to bring the matter before the Foreign Minister as soon as possible. In accordance with the advice of the Premier, Capt. Pim, Captain Maury, and Mr. Pollock, waited on Lord Stanley, at the Foreign Offices, on Thursday, an important engagement preventing Mr. Hawksley from attending. His lordship heard the remarks of these gentlemen, and stated in reply that he considered the matter one of great importance, and that he regarded it very favourably, at the same time promising to give the documents laid before him his careful attention, and to communicate fully with Capt. Pim on the subject without delay. We understand that the prospectus of the company will shortly be issued, and that a large portion of the capital. subject without delay. We understand that the prospectus of the company will shortly be issued, and that a large portion of the capital is already subscribed for.

TITANIUM IRON.—A valuable discovery has just been made be gentleman—a cheap process for smelting titanic iron ore, which hitherto defied all ironmasters and scientific men in the trade. N It is a well-known fact that iron made from titaniferous ore is most valuable, on account of its hardness and tensile strength being five times greater than ordinary iron: this iron will be admirably adapted for plating on iron-clads, and also for rails, on account of its hardness and strength, and the discoverer will be prepared to test this iron against any other iron hitherto discovered for these purposes, or for making steel.

ANSELL'S FIRE-DAMP INDICATOR .- With reference to this instrument (which is fully referred to in a lecture by the inventor delivered

heart (which is fully referred to in a fecture by the inventor delivered before the London Association of Foremen Engineers, and reported in the Supplement to this day's Journal), Lord Kinnaird has written the following letter to the Home Secretary:—

"I see there has been another fearful colliery explosion, with great loss of life. I would arge you to consider whether it would not be possible to introduce a measure next session making the adoption of Ansell's Fire-Damp Indicator imperative. I feel certain that these explosions, which have been so frequent lately, might be prevented. The machine, which has the advantage of being simple in construction and not liable to get out of order, indicate as low as 2 her cent nd would give immediate notice throughout the mine, and even at the of the presence of fire-damp. The efficiency of the Indicator has been ted, and surely enforcing the adoption of means by which so many lives might be saved is a legitimate exercise of the powers of the

LOCKS AND SAFES.—The improvements made within the last 20 ears in the construction of locks have been really marvellous, but not one created such a sensation as that which placed the celebrated American lock, exhibited in 1851, so far beyond its competitors. Indeed, this lock has been so generally appreciated, that but little could be added to its fame, even by the official statement of the jurors of the International Exhibition of 1862, that "the patent locks of Messrs... Hobbs, Hart, and Company are now established articles in England;" although it might have been added that the knowledge of the locks. although it might have been added that the knowledge of the locks equally extensive in Austria, France, America, and other countries. he firm now employs a very large number of hands and machinery tamping, casting, planing, screw-cutting, polishing, cost upwards of 70,0002; whilst the improvements which have from time to time been made in their locks have rendered them as near as Even their well-known "Protector Lock" has been further improved by the addition of a revolving nozzle, which renders the picking of the lock practically impossible, as the slightest presof a pick at once throws down the protector, and prevents further access to the works, except by the proper key, whilst the blasting of the lock is equally guarded against, as only 18 grains of powder can, under the most favourable conditions, be forced into it. powder can, under the most favourable conditions, only 18 grains of powder can, under the most favourable conditions, be forced into it. The reputation which Messrs. Hobbs, Hart, and Cot have obtained in connection with safes is scarcely less than that which they enjoy for locks, and they have now introduced an improvement which for locks, and they have now introduced an improvement which places their safes as far in advance of all others as the "American Lock" was in advance of the locks existing in 1851. Their new safe offers an indispensable security which has always hitherto been wanting. The side, top, bottom, and back are held together by a peculiar system of dove-tailing the edges of the plates into tubes, and then securing these dove-tails by filling the tubes with molten metal. The helding regres obtained by this means is, of course enormous. system of quote-tains in eages of the places into those, and then securing these dove-tails by filling the tubes with molten metal. The holding power obtained by this means is, of course, enormous, and the door is held by additional bolting and holdfast arrangements, so that it is alike impregnable to the drill, the wedge, the crowbar,

TITANIC STEEL AND IRON COMPANY (Limited). - An extraordinary Mushet and Clare and the company for modifying hitherto subsisting ments, and for altering and amending the Articles of Association of the con** With this week's Journal a SUPPEMENTAL SHEET is given, in which is published:—Mechanical Ventilation of Collieries, illustrated with diagrams of the principal ventilators in use on the Continent—On Mining Accidents, and their Prevention—The Chemistry of Coal and Fire-damp—Parkesine—Utilisation of Refuse Slate—Limestones and Marbles—Sodium Amalgam Experiments—Peat as Steam Fuel—Manufacture of Illuminating of Coal and Cill—Hints to Emigrants No. 5, by Charles S. Experiments—Peat as Steam Fuel—Manufacture of Illuminating Gas and Oil—Hints to Emigrants, No. 5, by Charles S. Richardson—Visit to the Quicksilver Mines of Idria—Double-Acting Safety Valve—Puddling and Converting Furnace—Puddling Iron—Improvements in Casting—Absolutely Pure Iron—Improved Excavator—Substitute for Britannia Metal—Improved Dressing Machinery—Improved Copper Smelting Furnace—Petroleum as Steam Fuel—Albertite—Collecting Gases from Blast-Furnaces, illustrated—Utilisation of Fire-Damp—Copper Ore Statistics—Manufacture of Zine—Nitro-Glycerine, &c.

The Mining Market; Onices of Metals, Ores, &c

METAL MARKET-LONDON, Nov. 9, 1866.

Bars Welsh, in London 7 Sheets ...per lb.10¼d.- —
Wire ..., 8¼d.- 9d.
Tubes ..., 1id.- — Yellow Metal Sheath.p. lb. 71/2d.-81/2d. Sheets 7/4d.-8d. SPELTER. Per ton. Foreign on the spot...... 21 10 0 .. to arrive .. £21 12 6-21 15 0 ndian Charcoal Pigs, in London p. ton.. 7 0 0-7 10 ZINC. In sheets 28 0 0 STEEL. Per ton. TIN.

English blocks 85 0
Do., bars (In barrels) 86 0
Do. refined 88 0
Banca 83 0
Straits 81 10

TIN-PLATES.* Per box. TIN. QUICKSILVER (p. bottle) 7 0 0-LEAD. Per ton. · At the works, is. to is. 6d. per box less.

REMARKS.—A rather improved feeling has been apparent in the Metal Market during the past week, and in some instances prices have slightly advanced, still business continues very dull, and withnave signify advanced, still business continues very dull, and without that animation which is generally manifested at this time of the year. We are glad to find that the directors of the Bank of England at their weekly meeting, on Thursday, announced a reduction in the Bank rate of discount to 4 per cent.; and we trust that this may prove the means of somewhat reviving the drooping condition of the metal trade, and of giving a stimulus to increased operations. Money has not been so cheap during the whole year as it is now and the metal trade, and of giving a stimulus to increased operations. Money has not been so cheap during the whole year as it is now, and the present facilities of obtaining it ought to produce a more satisfactory state of business generally; and we trust that ere long it may do so, and that we may soon see a greatly improved condition of the metal market. The accounts just received from India are of a rather more favourable character; they report the existence of a much better demand for the local and provincial markets, though it is somewhat doubtful as to the continuance of the demand on the usual scale, from the serions effects of the famine in many important. usual scale, from the serious effects of the famine in many important districts. In metals generally there is more doing. This is so far satisfactory, and we trust it is an earnest of an improved state of

our commercial transactions with that important part of the empire COPPER.—The market for this metal has continued to remain very quiet during the week, and the demand has been very limited. Sales

quiet during the week, and the demand has been very limited. Sales of tough eake continue to be made at about 3/2 under official rates. IRON.—In Staffordshire the leading houses report the continuation of a moderate quantity of orders from the United States and British North America: in fact, the increased exports to the latter place since the advance in the American tariff is a very significant fenture. There are also rather more orders from India, and the home demand is, at any rate, no worse. The works, however, are in scarcely any instance in fall operation, and many of the smaller manufacturers have very little to do. In Welsh the mills and furnaces are kept fairly in operation, but orders on home and foreign account are not coming in so well as expected. In the home trade there is no relaxation in the rigidity with which contracts have been kept back, and with the foreign markets business shows no material improvement, except that the American orders are coming in more freely, hours being anxious to secure deliveries before the Radical element gets into power, and secures the passing of the new Tariff Bill, which will be almost a total prohibition to the importation of British manufactured iron into the United States. With the Continent prospects are improving a little, and the exports during the week have been confined to two or three cargoes for Mobile. In the pig-iron trade there is a slight change for the better. In Swedish iron the demand continues very limited. In Scotch pig-iron the market has improved during the week, and prices have advanced, the last price quoted from Glasgow being 53s. 9d. cash.

LEAD remains firm, and no alteration has occurred in prices.

TIN.—The market for foreign has made considerable improvement during the week: the price of Straits has advanced first to 79/L cash, and then gradually by 10s. per ton until it has now reached 81/L 10s. tough cake continue to be made at about 31, under official rates.

during the week; the price of Straits has advanced first to 791, cash and then gradually by 10s, per ton until it has now reached 811, 10s, per ton cash. Banca has advanced likewise from 80l, to 83l., at which business has been done. The market has still an upward ten-dency. In consequence of these advances English has been more enquired for, and is now looking much better. The stock of tin in London on November I was 3185 tons, against 2855 tons same time last year; and in addition to the stock in warehouse on the 1st inst, there was about 300 tons not then landed. The quantity of Straits afloat for Europe is 442 tons, against 1409 tons same time last year.

21/. 10s. for parcels on the spot, and 21/. 12s. 6d. to 21/. 15s. for forward delivery.

TIN-PLATES.—Orders for immediate delivery are still coming in atisfactorily. STEEL without improvement.

QUICKSILVER.—For quantities of not less than 30 bottles a reduc-

tion of 2s, per bottle is obtainable. Neither the reduction in the rate of discount to 4 per cent., nor the want of profitable employment for money, seem to have materially affected business transactions, for they continue dull, and generally depressed. The MINING SHARE MARKET, though active for a few speculative shares, offers no exception to the general rule of dulness; and the fall of the standard for copper ore at the small weekly sale, on Thursday, has not improved matters. We were under the impression, and still think, that copper will soon be higher, and, perhaps, the reduction of the Bank rate, may have its influence at the next Ticketing, on the 22d, for next week there will not be any sale. The chief business during the week has been in Wheal Chiverton, North Treskerby, Prince of Wales, Great Wheal Vor, West Caradon, West Chiverton, Great South Tolgus, North Crofty, East Basset, South Basset, South Daren, Chontales, and a few other shares. Prince of Wales shares have been very largely dealt in, at 29s. to 31s., leaving off 26s, 6d. to 28s. 6d.; in the 45, west of the cross-course, the lode has been cut into 3 feet, but not yet cut through; as far as sen it is composed of capel, spar, mundic, and peach, with rich stones of copper and tin, and shows every appearance, the agent considers, of

becoming a rich course of ore when away from the influence of the cross-course. On the eastern side of the cross-course the lode was disordered in the same way for a few feet. The shares, which opened on Friday morning 28s, to 30s., were soon afterwards knocked down to 26s., through rumours circulated on the market that the lode in the 45 cast had been taken down, and was not so good as last week. No such information, however, has reached the office, though the agent on the mine has strict orders to telegraph any change immediately it takes place. Carn Camborne, 23s. to 25s.; Chiverton Moor, $4\frac{3}{6}$ to $4\frac{5}{6}$; Choutales Gold, $2\frac{4}{3}$ to 3. When Buller shares keep flat, at 19 to 20; but the 80, east of Stevens's shaft, continues worth 504. per fathom, and has been so now for a great number of fathoms, and must have opened out a good quantity of tin ground. Tincroft, 8½ to 9; at the meeting the accounts showed a credit balance of 1517L, and a dividend of 5s. per share was declared. South Wheal Basset shares have been enquired for at 6 to 8; the 75 fathom level, driving east on Teague's lode, has improved, and now worth 15t. per fathom

east on Teague's lode, has improved, and now worth 15*l*, per fathom for copper ore. From the splendid situation of this mine (forming a part of their rich old Basset), we often referred to it, years ago, as likely to have a good discovery some day.

Clifford Amalgamated, 7½ to 8; Cook's Kitchen, 4½ to 5; East Basset, 24 to 26; East Caradon, 5½ to 6½; East Carn Brea, 2½ to 2½; East Lovell, 11 to 12; East Russell, 3½ to 3½; East Grenville, 1½ to 2½; Frontino and Bolivia, 7s. 6d. to 8s. 6d.; Grambler and St. Aubyn, 4 to 5; Great Laxey, 18 to 19; Great South Tolgus, after advancing to 20s., leave off 10s. to 15s.; Great Wheal Vor, 16 to 17; Marke Valley, 4 to 4½; North Crofty, 27s. 6d. to 32s. 6d.; North Treskerby, 3½ to 3½; South Condurrow, 10s. to 12s.; South Darren, 1½ to 2; West Caradon, 15 to 16. South Frances, 20 to 22½; at the meeting on Monday the accounts showed a loss on the two months' working of 128*l*. 14s. 10d., and a balance against the company of 158*l*. 15s. 9d. In the report nothing is said of the disputed ground, but in the ge-In the report nothing is said of the disputed ground, but in the general tribute department the pitches, on an average, are working at a less tribute than for some months past. Shares have been enquired for this week. West Chiverton, 58 to 60; West Seton, 132½ to 137½; Wheal Chiverton, 6½ to 6¾; Wheal Crebor, 10s. to 12s. 6d.; Wheal Grenville, 20s. to 22s. 6d.; Wheal Mary Ann, 10 to 12; Wheal Seton, 140 to 145. Caradon Consols have been in good demand, and advanced to 11, 13. Great North Downs, 2¾ to 2¾.

On the Stock Exchange the prices in the Mining Market have remained comparatively stationary during the week. Del Reys firm, at 51 to 52; Cobre, 2 to 3; Don Pedro, 1-16th dis. to 1-16th prem.; Anglo-Brazilian, \(\frac{1}{2}\) dis. to par; Pestarena Gold, \(\frac{1}{2}\) dis. to \(\frac{1}{2}\) prem.; Scottish Mines, \(\frac{1}{2}\) to \(\frac{1}{2}\); English and Australian Copper, \(\frac{1}{4}\) to \(\frac{1}{2}\); English and Australian Copper, \(\frac{1}{4}\) to \(\frac{1}{2}\); Capula Silver, \(\frac{1}{4}\) to \(\frac{1}{2}\); Chontales, \(\frac{1}{4}\) dis. to par; Frontino, 5-16ths to 7-16ths; Great Vor, \(\frac{1}{4}\) to \(\frac{1}{2}\); North Roskear, \(\frac{1}{4}\) to \(\frac{1}{2}\); South Condurrow, \(\frac{1}{4}\) to \(\frac{1}{2}\); East Lovell, \(\frac{1}{4}\) to \(\frac{1}{2}\); Great Devon Consols, \(\frac{3}{4}\) to \(\frac{4}{4}\); Feast Carndon, \(\frac{3}{4}\) to \(\frac{3}{4}\); East Carndon, \(\frac{3}{4}\); North Crofty, 14 to 14; St. Ives, 24 to 34; East Caradon, 5½ to 6; Tincroft, 8 to 8½; West Caradon, 150½. Great Laxeys have been rather more offered, at 18 to 18½. West Chivertons are firm, and in demand, at 59 to 60. Chivertons have risen to 6, 6½; the lode at Cookney's shaft is worth 1 ton per fm. Westminster, 5 to 5½; the prospects are very good. The meetings of Chiverton and West Chiverton are called for the 17th. The accounts to be presented at the West Chiverton precting are of a very setisfactory character.

the West Chiverton meeting are of a very satisfactory character.

IRISH MINE SHARE MARKET .- For the last few weeks it has almost daily been expected that the Bank of England would be compelled to lower its official minimum of the rate of discount, in conpelied to lower its official minimum of the rate of discount, in consequence of nearly all other financial establishments having been working from 1 to 1 per cent, under 41. The telegraphic information received this afternoon (Thursday) arrived too late to exercise any immediate effect on the prices on our Stock Exchange; indeed, we do not anticipate any very appreciable fluctuations, no more than the expectation of the change produced. Money continues abundant here, proportionately quite as much as in England. That this abundance of proportion of the change produced in the proportion of the change produced in the proportion of the change produced. dance of money is not in great part embarked in new undertakings is owing, we hope, not so much to a disinclination to give countenance to bona fide enterprise as to the anxiety created and seriously felt by many capitalists on the subject of the ultimate fate of their old investments and pending liabilities. Until this anxiety is considerably lessened we can hardly expect any great influx of capital into any channels from which it could not be withdrawn at short notice with containers from which it could not be withdrawn at short notice without adversely affecting the market value of the respective securities, for which reason all banks which are in public favour, and, to a great extent, private coffers, are holders of large accumulations of capital, which when the after effects of the recent panie shall moderate will undoubtedly again seek employment in well-accredited undot the property of the recent in the state of the recent in the recen dertakings, and then create great improvement in prices of the better class of stocks and shares. For this reason it is now an excellent time to secure shares in well-established undertakings, because on the return of greater activity a rapid upward movement in the market price may confidently be expected. Our mining shares in particular price may confidently be expected. Our mining shares in particular offer a promising opportunity for permanent or speculative investment, they being—considering their intrinsic value—unusually cheap, in consequence of business in these, as as well as in all other shares, having been very dull of late. Of Mining Company of Ireland shares (7L paid), we had to record in the Journal of October 27 a fall from 20L 17s. 6d. to 17L 17s. 6d., or of 3L per share. Since that some small purchases caused an improvement to 19L, but they are again to be had at 18L 15s. Wicklow Copper (2L 10s. paid), which at that time were dealt in at 23L 5s., have by the present state of the market been depressed to 22L 17s. 6d. for cash, and to 23L for the account. been depressed to 22/, 17s. 6d. for cash, and to 23/, for the account, with an appearance of increasing enquiry. This company has at length been successful in effecting an arrangement with the Dublin, Wicklow, and Wexford Railway Company for the carriage of their ores to Kingstown Harbour, by which the former will annually save a large sum. General Mining Company for Ireland shares have pretty well supported their recent improvement, they being still quoted at 31, 5s. to 31, 7s. 6d. Connorrees have improved from 12s. to 13s. 6d. for cash, and 14s. for the account. Killaloe Slate Quarry shares (11, paid) have been done at 14s., and are on sale at this price.

At Redruth Ticketing, on Thursday, 1370 tons of ore were sold, realising 49424, 14s. 6d. The particulars of sale were:—Average standard, 1044, 8s.; average produce, 6d; average price per ton, 34, 12s.; quanty of fine copper, 83 tons 8 cwts. The following are particulars:— Date. Tons. Standard. Produce. Per ton. Per unit. Ore copper. Cot. 11. 2261 £102 8 0 ... 7 £4 8 6 ... 128.7d £63 0 0 ... 18. 4913 ... 107 0 0 ... 63\(\)_4 4 2 0 ... 12 \(\)_2 64 0 0 ... 25 ... 1917 ... 98 11 0 ... 7\(\)_4 4 18 0 ... 12 \(\)_2 7\(\)_2 68 2 0 \\ \)_8 ... 1370 ... 104 8 0 ... 6\(\)_8 3 12 0 ... 17\(\)_2 68 2 0 \\ \)_8 ... 1370 ... 104 8 0 ... 6\(\)_8 3 12 0 ... 11 \(\)_1 58 1 0 \\ \)_8 ... 1370 ... 104 8 0 ... 6\(\)_8 3 12 0 ... 11 \(\)_1 58 1 0 \\ \)_8 compared with last week's sale, the decline has been in the standard Compared with 11. 10s., and in the price per ton of ore about 2s. the corresponding sale of last month, the decling has been in the standard 3t, and in the price per ton of ore about 4s.

At the Minera Mining Company monthly meeting, on Nov. 2, the rectors declared a dividend of 3t. per share, for the Michaelmas quarter.

At Wheal Emma general meeting, held at the count-house, on Mon day (Mr. J. H. Stallard, M.D., in the chair), the accounts showed a debit balance of 361.12s. 5d. The report of the agent (which will be found in another column) was considered highly satisfactory. Notwithstanding the lowness of the standard the sales have increased in amount of money, from the great improvement in the quality of the ore in the deeper levels, and it is anticipated that this mine will soon enter the Dividend List.

At the Garden Mine meeting, on Oct. 26, the accounts showed a debit balance of 1011. 8s. 6d. Capt. John White says:—"We have seven pitches working, tributes varying from 18s. 4d. to 18s. in 11. Number employed in the mine, 42 men and 18 boys."

At the South Cornwall Mine (extraordinary general) meeting, on Thursday (Mr. Erwin Harvey Wadge in the chair), a committee of it was appointed, who will submit a report at an adjourned meeting.

Blaendyffryn Mine meeting, on Wednesday (Mr. B. Holrth in the chair), the accounts showed that the company had 2046. 15a. 9d. at bankers, and were indebted to the amount of 12031. 3z. 4d. The disconsider that the prospects of the mine are in every way most satisfact. The reports of Capts. Northey and Phillips were submitted.

At the Cape Copper Mining Company (annual) meeting, on Thursday (Ar. W. Bevan in the chair), the accounts showed a profit during year of 15,9681. 12s. 7d., out of which a dividend was declared in April of 78 (10s. per share). By the last advices upwards of 2000 tons of ore were on beach walting the arrival of vessels, and ore was coming down daily. The port of the directors was received and adopted. Details in another column.

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At the United Mexican Mining Company (half-yearly) meeting on Wednesday (Mr. C. Morris in the chair), the operations of the company in Mexico for the six months ending June, resulted in an excess of outlay of §13,538. The report of the directors was adopted, and power was given to the directors to act upon the suggestion made in their report. Details in another column.

The Bank of England return for the week ending on Wednesday evening was rather favourable than otherwise, and as the total reserve now stands at considerably over \$5.00,000.4, the directors decided to lower the minimum rate of interest to 4 per cent. In the ISSUE DEPARTENENT there is shown an increase in the notes issued of 174,360.4, represented by a corresponding increase in the coin and buillion on the other side of the account. In the BANKING DEPARTEMENT is shown a decrease in the "other deposits" of 709,280.4, from which must be deducted an increase in the "other deposits" of 749,280.4, from which must be deducted an increase in the "other deposits" of 454,5611. Sin increase in the "rest" of 12,9014.; and an increase in the "seven day and other bills" of 16,4394. Heaving an actual decrease on the liability side of 225,3794. On the asset side there is shown a decrease in the "other securities" of 748,4671. and an increase in "Government securities" of 1748,4671. and an increase in "Government securities" of 105,9534. Heaving an antial decrease of 105,9534. Heaving an antial decrease of 105,0531. Heaving an antial decrease of 105,0531. Heaving an antial decrease of 115,0531. Heaving an actual decrease of 105,0531. Heaving an actual decrease of 105,0531. Heaving and the standard of 117,1351.

ing department of 417,135*l*.

On the Stock Exchange, Mining Shares, although not largely operated on during the week, have been well supported in value. The following quotations were officially recorded in British Mining Shares:—East Caradon, 5½; Great South Tolgus, ½; Great Wheal Vor, 18½, 16, 16½, 16, 16½; Chiverton, 6½; Tincroft, 7½.—In Colonial and Foreign Mining shares the prices were: Port Phillip, ½ to 1; Scottish Australian, ½ to ½; Cobre, 2, 2½; Fortuna, 2, 2½, 2¼; Frontino and Bolivia, ½; Pestarena, 2, 2½, 2; St. John del Rey, 52, 52½, 52½, 51, 51½; Val Sassam, 1½; Washoe, 1½, 1¼, 2½, 2, 1½, 2½; Chontales, 2½.

COAL MARKET.—The fresh arrivals this week number 112 ships. On Monday and Wednesday the market for house coal was less active, and the top price was reduced to 21s. 6d. per ton; but this sti-mulated business, and to-day the price returned to 22s., the market closing firm. Hartley's have been in good demand, and quote an advance of 3d. per ton. Haswell Wallsend, 22s.; Hetton Wallsend, 22s.; Hartlepool Wallsend, 22s.; East Hartlepool, 21s. 6d.; Tees Wallsend, 21s. 3d.; Eden Main, 19s. 9d.; Hetton Lyon's Wallsend, 19s. 6d.; Tunstall Wallsend, 19s. 6d.; Pittington Wallsend, 18s. 6d. Unsold, 4: 40 ships at sea.

COAL IN NATAL.—Mr. J. Bergtheil, member of the Legislative Council of Natal, writes—"A reference to the map will show at a glance the vital importance to the steam navy of this country of a Council of Natal, writes—"A reference to the map will show at a glance the vital importance to the steam navy of this country of a certain and unlimited supply of coal on the South Coast of Africa—the highway to India. It may not be uninteresting to your readers to know that in the year 1863, Mr. David Smith, a practical coal and mining engineer, proceeded from this country to Natal, in order to ascertain the resources of such coal fields as there were in that colony. The following is an extract from the petition which Mr. Smith subsequently presented to the Legislative Council of Natal:—'Your petitioner has, since his arrival here (in Natal), examined a very considerable portion of the colony, and has ascertained the existence of a very estensive coal field, of excellent quality, and presenting very great facilities for being economically worked.' In order, however, to utilise these valuable resources of the colony, a line of railway is indispensable, and such a line of railway, besides becoming the high road to the interior of Africa, would bring within easy reach of the seaboard of Natal districts abounding with rich copper and other valuable mineral deposits, while the moral effect which such a work would produce upon the minds of the native population of the country it is impossible to over-estimate. The question of constructing such a line of railway has year after year engaged the attention of the Legislative Council of Natal, and a law was, in fact, passed some two years ago granting unusually favourable toncessions of land and other privileges to parties who should undertake and complete the work. The efforts, however, made with this object from time to time have been hitherto abortive. The late Secretary of State for the Colonies, Mr. Cardwell, whether rightly or wrongly, disalowed the law passed by the Legislative Council, to which I have referred. To me, however, it has always appeared that the question of a sinply of coal on the Southern Coast of Africa is one of imperial rather than colonial impor

THE COPPER TRADE .- Messrs. Vivian and Younger (Nov. 9) write Prices have remained much the same as last week, and the business one has been limited. Excepting some considerable sales of Chili bars at a file under 75t. spot cash, usual terms for continental account, nothing worth porting has taken place. The general trade is scarcely so good as it was.

reporting has taken place. The general trade is scarcely so good as it was.

THE IRON TRADE.—Messrs. Shaw and Thomson (Nov. 7) say—The iron trade continues to be depressed, chiefly by the shattered state of the ship-building trade, and the general inability of railway companies and contractors to come largely into the market. The export demand is of a fair character, and a good amount of business has been done during the past week in bacs, angles, sheets, and hoops. The wages question continues to be the leading point of thought in connection with the iron trade, and great attention is directed to it, because the future prosperity of the trade is largely concerned in its issue. Many men are breaking off from the Unions, and going to work in the North of England at the reduction, while their leaders are straining their utmost to prevent them. The trade with British North America promises to be very good for all articles except pig-iron, and orders are coming forward very satisfactorily. The Indian and Egyptian markets are taking a moderate supply of iron. Shipments of rails to America are upon a moderate scale.

The production of gold in New Zealand is now very important, that colony having thus far exported upwards of 10,500,000*l*, sterling of the precious metal. Below we give an official return, showing the quantity and value of gold exported from New Zealand for the quarter ended June 30, 1866, for the year ending June 30, 1866, and the total exported to the same date :-

Produce of gold				ear ended 30, 1866.		New Zea- ne 30, 1866.
in-	Ozs.	£.	Ozs.	£.	Oza,	£.
Auckland	2,070	7,251	5,410	17,197	17,864	55,763
Marlboro'	31	132	2,418	9,373	32,932	126,597
Nelson	32,654	126,532	135,277	524 202	221,323	857,720
Canterbury	103,982	403,026	890,287	1,512,263	455,895	1,772,282
Otago	45,008	174,405	203,850	789,918	1,983,845	7,687,400
Southland		6,211	1,625	6,296	1,625	6,296
Total	185,851	717,557	738,817	2,859,249	2,713,484	10,506,058

TIN MINES, AND THE TIN TRADE.—We have good reason to believe that the price of tin will shortly advance; this, we need hardly say, will be of great benefit for all our tin mines.

CARNARVONSHIRE CONSOLS.—The applications for shares in this CARNARVONSHIRE CONSOLS.—The applications for shares in this company continue to come in from both town and country, but the applicants will have to pay the penalty of their procrastination. Every share was allotted on Nov. 2, the applications, as we hat week stated, far exceeding the number to be issued. They are now par to 1 prem., and will, no doubt, soon be higher. The company took presession of the property on the 6th, and Capt. Kitto seems to have lost no time is making the necessary preparations for extending the present workings, and for driving the deep add to unwater the mines. They have already commenced to drive the 20 cast and west, on No. 1 lode, in Coedinawr Pool Mine, which has already returned considerable profits, and Capt. Kitto is looking for early and good discoveries in this new ground.

REFUSAL TO WORK IN A FIERY MINE.—Three men, members of REFUSAL TO WORK IN A FIERY MINE.—Three men, members of the Miners' Union, have been convicted by the Dewsbury West Riding Justices for having refused to continue to work in a colliery at Mirfield, belonging to Mr. Joe skeard, mining engineer, &c., which they stated was filled with fire-damp, and was exceedingly dangerous. Mr. Chadwick, solicitor, prosecuted, and said, though the defendants were willing to return to their work, the prosecutor would not allow them, because, under the instructions of the Miners' Union, the miners in the locality were in the habit repeatedly of neglecting their work, and he was determined to punish them. The men all said they were afraid to work in the pit because it was so full of fire-damp. They were compelled to work eighty yards from the draught of air. This was proved by witnesses, but the defendants were each ordered to be imprisoned for 14 days.

ATTEMPAT TO EXPLODE A ROLLER—On Monday morning, when

ATTEMPT TO EXPLODE A BOILER.—On Monday morning, when the fireman at the Agnes Main Colliery, Barnsley, went to attend to his fires to get the steam up, he found that the sluice-valve had been opened, and the whole of the water run off. The plates of the boiler were red hot, and had the water been turned on before the discovery was made there must have been an explosion, and no doubt loss of life, as several persons were in the immediate neighbourhood of the boiler. A reward of 20th has been offered for the discovery of the miscreant.

MESSRS. ROBERTSON BROTHERS AND CO. STOCK AND SHAREDEALERS,

16, ABCHURCH LANE, LOMBARD STREET, E.C.,

Are prepared to BUY or SELL, at close prices, for eash or the fortnightly settlement, shares in East Wheal Lovell, Clifford Amaigamated, Great Wheal Vor, East Caradon, West Caradon, East Wheal Russell, Prince of Wales, Chontales Gold, Atlantic Telegraph, and Anglo-American Telegraph.

Telegrams promptly attended to.

M EXICO.—A MINING ENGINEER and METALLURGIST, resident in the city of MEXICO is MEXICO. resident in the city of MEXICO, is READY to ACCEPT COMMISSIONS or the INSPECTION of MINING PROPERTIES, and REPORTING THEREON.
For particulars, address "J. P. S.," MINING JOURNAL office, 26, Fleet-street, and condon, E.C.

CLERK WANTED, in a LONDON OFFICE. Must be a good and expeditions writer, and have some knowledge of the Metal Trades. A young gentleman who has had experience in Copper would be preferred, and might find this a good opening. Commencing salary, about £100 per annum.—Apply by letter only, stating age, previous occupation, and other particulars, to "H. H.," care of Charles Barker and Sons, 8, Birchin-lane, London, E.C.

WANTED, THREE or FOUR GENTLEMEN, to JOIN the ADVERTISER IN OBTAINING the CONCESSION from GOVERNMENT of very valuable COPPER MINES in one of the BRITISH POSSESSIONS.—Address, "X. X.," at Deacon's, 154, Leadenhall-street, City.

WANTED,—1000 shares in North Crofty, 50 Wheal Buller, 100 East Caradon, and 500 East Cara Brea. Full market price given for any of the above.—Address, Mr. HENRY JOHNSON, Post-office, Moorgate-street, London, E.C.

WANTED, in each of the following districts—namely, NORTH and SOUTH WALES, DERBYSHIRE, DURHAM, NORTHUMBER-LAND, STAFFORDSHIRE, GLASGOW, and ISLE OF MAN—a COMPETENT CORRESPONDENT, to give an accurate MONTHLY REPORT of the STATE of the COAL and IRON TRADES, MINING OPERATIONS, &c., of each district respectively, suitable for a first-class Mining and Engineering Circular. Address, "A. B.," MINING JOURNAL Office, 26, Fleet-street, E.C.

WANTED, a PARTNER in a STEAM COAL COLLIERY, in full work, connected with the narrow-gauge railway system, and close to two good shipping ports.—For particulars, apply to D. Jones, Esq., C.E., Swansea.

ANTED TO PURCHASE, REFUSE COPPER ORE, of 5 to 6 per cent.; LEAD ORE, of 10 to 30 per cent.; BLACK JACK, of 5 to 6 per cent. The above ores are required not for smelting, and will do separately or mixed. Any mining company having any of these to dispect of will please quote lowest price at mine, shipment, quantity on hand, and what is likely to be supplied in future. A large quantity can be taken monthly, and a present order will be given of 100 to 500 tons. The lowest averages would suit the purpose for which the ores are required.—Apply to Mr. THRELFALL, No. 6, Camden-broadway, Camden-town, London.

WANTED, a JIGGING MACHINE, in good working order—Address, stating lowest price, and where it may be seen, to "F.,"
MINING JOURNAL Office, 26, Fleet-street, London, E.C.

EDGE RUNNERS.—WANTED TO PURCHASE, TWO PAIRS of STONE RUNNERS, about 35 cwts. stones.—Apply, by letter only, to the Westmoreland Mills, Lamb's-passage, Chiswell-street, London.

COPPER, TIN, &c.—A Young Gentleman, of several years' experience in the Metal Trades, and with established connections amongst Engineers, Brass Founders, and other consumers, is WISHFUL to REPRESENT some FIRST-CLASS FIRMS for the SALE of COPPER, TIN, SPELTER, and LEAD.—Address, "J.," box A45, Post-office, Manchester.

GENTLEMAN having an extensive connection with merchants, manufacturers, and others, would be GLAD to UNDERTAKE the SALE PATENTED ARTICLES or INVENTIONS, upon commission.—Apply to W. T. RAWAE, patent and mining agent, 8, Small-street, Bristol.

OKEHAMPTON MINING COMPANY (LIMITED).—WANTED, an OFFER for EIGHTY SHARES (£1 58, paid on each) in the above company; also TWENTY SHARES in the COFFEE, COCOA, COTTON, AND GENERAL PRODUCE FREEHOLD EXTATES COMPANY OF VENEZUELA (LIMITED) (£6 paid on each share).—Apply to WM. TAYLOR, Esq., Hexham, Northumberland.

PRECONSHIRE, MID-WALES.—SLATE QUARRIES TO LET, near NEWBRIDGE-ON-WYE.—Apply to Mr. Pratt, Crickhowell.

LANFAIR GREEN AND BLUE SLATE QUARRY.—
Considerable discount.—Address, "N. K. H.," MINING JOURNAL office, 26, Fleetstreet, London, E.C.

FOR SALE, FIFTEEN SHARES in SOUTH HERODSFOOT (all calls paid), at 5s. cach.—Apply to Mr. Jackman, No. 6, Union-grove, Chapham, S.

OOD AND SAFE INVESTMENT—COAL, IRON, LIME, AND POTTERY WORKS.—Some gentlemen have opened out extensive works in the North, at an outlay of upwards of £40,000, which are now in a most productive state. A public railway is nearly laid to the works, and direct to a scaport. When completed, the profits will be very large and increasing. Owing to unforeseen circumstances, the advertiser has a FEW FREE SHARES TO SELL in the above works. The company is registered under the Limited Liability Act.—Apply by letter, to "A. A.," No. 7, Little Sussex Gardens, Hyde Park.

MPORTANT TO IRONMASTERS.—FOR SALE, a first-class MYORTANT TO IRONMASTERS.—FOR SALE, a first-class IRON MINE, where any quantity of ore may be raised (without the use of water or steam machinery), and which is now open. The above being near a good shipping port, a good profit can be made monthly. The present owners will sell the ore to any frommasters, or the mine. The above offers an excellent investment to capitalists and others, there being no further outlay required, but to commence work, and any quantity of ore may be raised at once.

Any further information can be obtained by applying to "C.B.," Post Office, Bodmin.

TO COALOWNERS AND OTHERS.—TO BE LET OR SOLD, with immediate passession, the ROYALTY of THENRY ACCURACY. with immediate possession, the ROYALTY of TWENTY ACRES of the BEST COAL, 7½ feet band, within three miles of the scaport town of MARY PORT, CUMBERLAND.—Apply, by letter only, to P. LUMB, Esq., 42, Parlia ment-street, Westminster, S.W.

STEAM ENGINES FOR SALE:—60-inch PUMPING ENGINE, equal beam, 10 ft. stroke, with TWO 10-ton BOILERS; 36-in. CYLINDER SINGLE-ACTING ROTARY ENGINE, 14 ton fly-wheel, with 9 ton BOILER; 18-inch CYLINDER DOUBLE-ACTING ROTARY ENGINE, with drawing gear, whitn cage, and 7-ton BOILER, the whole in good condition, to be seen at Kelly Bray Mine, Callington, Cornwall.—For further particulars and price, apply to Mr. Edward King, 22A, Austinfriars, London.

ALLOWAY'S PATENT CONE TUBES FOR STEAM BOILDERS,—The introduction of these vertical taper tubes into the ordinary flued boilers. PROMOTES the NECESSARY CIRCULATION of WATER, and thus INCREASES THEIR STRENGTH and DURABILITY.
Their adoption not only adds to the steam-producing power of the flues, but renders the practice of hooping with angle or tee iron rings quite unnecessary. The tubes have now been in use upwards of 14 years, and above 22,000 are in work in various parts of the country, with the best results.
They can be easily fixed in existing boilers owing to their taper form) by any boiler maker, but can only be obtained from the patentees, W. and J. Galloway and Sons, Engineers and Boiler Makers, Manchester.

M. D. STICKLAND, M.E., has had upwards of 40 years' mining experience in Cornwall, during several years of which he has had the entire management of mines. Advice given gratis. DEALER in MINING, RAILWAY, and OTHER SHARES.

RARE OPPORTUNITY.—FOR SALE, TWENTY SHARES in a SILVER-LEAD DIVIDEND MINE, at £8 each, not in the market, company first-rate. FIFTY SHARES in a GRANTITE QUARRY, at 20s. each, likely to pay 30 per cent. in twelve months.

FIFTY SHARES in a PATENT STARCH COMPANY, paying 10 per cent., and every probability of paying 50 per cent.

SIXTY SHARES in GREAT SOUTH CHIVERTON. No reasonable offer refused for the latter.

Temporary Offices, 5, Finsbury-street, London, E.C.

MESSRS, R. C. CLIFTON AND CO., SHAREBROKERS, ALDINE CHAMBERS, PRINCESS STREET, MANCHESTER.

Mines inspected, and reports furnished. The best practical advice given to capitalists as to investments in mining.

Bankers: National Provincial Bank, Manchester.

NOTICE OF REMOVAL.

S. TREDINNICK AND CO DEALERS IN STOCKS AND SHARES. MESSES.

MR. RICHARD TREDINNICK, MINING ENGINEER AND CONTRACTOR.

MR. THOMASTREDINNICK, SCRIVENER.

OFFICES,—ST. MICHAEL'S HOUSE, CORNHILL, LONDON, ousiness hitherto conducted at 78, Lombard-street is transferred to the The business above address. Stocks, Shares in Banks, Railways, Canals, and Insurance Companies dealt in, and Money Advanced upon all sound Securities. Principals alone treated with.

CAPT. RICH, BODMIN, CORNWALL, being in the centre of the mining districts of Devon and Cornwall, and having had 25 years' experience in the management and inspection of mines, OFFERS IIIS SERVICES to INSPECT and REPORT on MINES in either of the above counties. Orders

THE TRUSTEES of a deceased Gentleman WISH to DISPOSE of his INTEREST in a valuable COAL PROPERTY near MOLD, adjoining Collieries at which the Coal and Cannol seams have been proved and worked,—For particulars, apply to Mr. T. L. Cottingham, Mining Engineer, Mold, Flintshire. MESSRS. WESTON AND COLLINGBORN, of No. 18, PETER STREET, BRISTOL, having fitted upon establishment at SWINFORD, near BITTON, BRISTOL, tor the SMELTING and REFINING OF SILVER-LEAD and the other qualities of LEAD ORES, are now prepared to PURCHASE by TENDER, or otherwise, LEAD ORES in any quantities that may be offered to them.—Swinford, near Bitton, Gloucestershire, Oct. 5, 1866.

SHAREHOLDERS IN PUBLIC COMPANIES desirous of O avoiding calls and further responsibility will find purchasers on applying to Messrs, BARRETT AND CO., 78, LOMBARD STREET, CITY, and No. 20, SPRING GARDENS, CHARING CROSS, Stocks, shares, mining, and other miscellaneous securities bought and sold. Investment Review on application. Cash advances made.

MINING OFFICES, MANCHESTER.

THOMAS MOLYNEUX AND CO., MINE AGENTS AND SHAREBROKERS. Reliable information can be obtained as to purchase and sale of shares.

Offices of the Elien United Copper and Zinc Mining Company (Limited), and Hazael Grove Silver-Lead Mining Company (Limited). THOMAS MOLYNEUX, secretary, 28, Princess-street, Manchester.

MANCHESTER, AND WEST END OF LONDON.

M. W. HANNAM, MINING, SLATE QUARRYING, INSURANCE, AND GENERAL SHAREBROKER.
ROYAL INSURANCE BUILDINGS, KING STREET MANCHESTER; and 31, REGENT STREET, LONDON, S.W.
INSTANTANEOUS COMMUNICATION with the STOCK and MINING EXCHANGES, avoiding the delay and annoyance of visiting the City to ascertain prices.

A Monthly Investment Circular on application.

O B E R T L I B B Y A N D S O N,
MINE AND SHAREDEALERS,
CAMBORNE, CORNWALL.

CAPT. JOHN ROBERTS, who has just returned from Brazil, and who has spent eighteen years in gold mining in Brazil, New Granada, &c., now OFFERS himself to INSPECT any MINES in or out of Great Britain. Capt. ROBERTS would have no objection to a permanent situation.—Address, Hotel, Schull, co. Cork, Ireland.

M ESSRS. WEBB, WADGE, AND CO.
MINING ENGINEERS, AGENTS, AND SHAREDEALERS,
PLYMOUTH.
(Late Edwin H. Wadge, from Clarence Chambers, Manchester.)
WEBB, WADGE, AND CO., occupying as they do a central position in the mining districts, will be enabled to acquire authentic information on all mining properties, and to advise their cilents with the utmost correctness and punctuality. They will be also able to faithfully report the progress and exact position of the various mines in which their clients have embarked.

The personal attention of our Mr. Wadge may be always relied on.

MR. ERWIN HARVEY WADGE, F.G.S., of STRADBROOK HALL, BLACKROCK, COUNTY DUBLIN, finds it necessary to point out that he is NOT the Mr. WADGE of the FIRM of WEBB, WADGE, AND CO., of PLYMOUTH, with which he has NOT THE SLIGHTEST CONNECTION. This announcement is not made with any disrespect to, or prejudice of the respectability of, Messrs, Webb, Wadge, and Co., but purely to prevent such a confusion of persons as the extraordinary similarity of two names (the initials being identical) gives rise to.—Stradbrook Hall, June 21, 1866.

NOTICE.—CAPT. S. M. RIDGE, of LLANIDLOES, MONTGOMERYSHIRE (late manager of the Brynpastig and Cwm Fron Mines, and others, in Shropshire and Wales), is NOW OPEN to INSPECT and faithfully REPORT UPON ANY LEAD MINE in either of these localities that may be confided to his care, having had better than 30 years' experience in lead mining, as miner and agent.—Address, Capt. S. M. RIDGE, Llanidloes, Montgomeryshire.

C HARLES DAVEY AND CO

	n man c	RES		
Date. Mines.	Tons.	Amou	nt.	Purchasers.
Oct. 24-Isle of Islay	59	£13 6	0	Walker, Parker, & Co.
26—Cargoll	7834	16 2	6	R. Michell and Son.
- ditto	141/2	8 2	6	ditto
Nov. 2-Minera		12 11	6	ditto
- ditto	102	12 11	6	ditto
- ditto	78	12 15	0	A Eyton.
- ditto	68	12 15	0	ditto
	70		6	Weston & Collingborn
- ditto	70			Walker, Parker, & Co.
	65		6	Stock & Co.
	30		0	Walker, Parker, & Co.
	30		0	Panther Lead Co.
	ary and) 35		6	Walker, Parker, & Co
	dfod 5 5		0	ditto
	70		6	ditto
- ditto	1161/2	13 18	6	ditto
-Westminster.	40	12 1	6	
	22	13 5	6	
	30		6	ditto
	22		0	ditto
-Pennant			6	Adam Eyton.
	8			Walker, Parker, & Co
	11		0	ditto
	22		6	ditto
	or 161/2		6	ditto
	50			John Warwick.

		BLEI			
Date. Mines		Tons.		Purchasers.	
Oct. 31-Great La		300		Vivian and Sons.	
Nov. 2-Minera	*********	98	3 17 6	. Henry Southern.	
			. 3 10 6	Bagillt Co.	
			. 3 9 0	ditto	
- ditto		20	. 4 1 6	. Henry Southern.	
		_	-		
		sold durin	g the quarter er	iding Sept.:-	
LEA	D ORE.			BLENDE.	
July Tons	310 £3	616 6 0 1	July To	ms 217 £ 802	3 6
August	320 3	776 0 0	August	212 776	
September	362 4	474 18 6 1	September	294 997	11 (
				man Carron	
Total		867 4 6			1 (
			£14,443 16s.		

Mines.	Tons.	Pri	ice.		Mines.		ons.			ice.	
Prosper United .		. £1	8	0	East Rosewarne						
	67		5	0	ditto					11	
	56		13	0	ditto					16	
	48		1	6	Camborne Vean				2	2	
	40		12	0	ditto				6	11	
ditto	37	. 3	3	6	ditto		14 .		3	1	
	35		16	0	Copper Hill		56 .			18	
	32		10	6	ditto		41 .		5	13	
East Carn Brea .			1	6	Levant		47 .		5	3	
	41		19	6	ditto		40 .		0	3	
	37		0	0	Wheal Margery					10	
	32		1	0	ditto		29 .		4	12	
	18		14	6	Wheal Curtis					11	
	12		3	6	ditto		22 .		0	15	
West Basset			33	65	Wheat Polmear		54 .		5		
	41		15	6	Wheal Buller		27 .		1	13	
	29		7	6	ditto		5 .		6	9	
East Rosewarne			10	0	Boscaswell		15 .		6	2	
			11.	PR	ODUCE.						
Prosper United .				6		87		£ 3	250	4	
East Carn Brea .		713		0					211	8	
West Basset		540		0					111	15	
East Rosewarne.				6					305		
Camborne Vean.		350		0					77	9	
ammorne veam.	1172 0000	283		0	Boscaswell				91	10	

COMPANIES BY WHOM THE ORES WERE PURCH	ASE	D.	
Names. Tons.			
Vivian and Sons£	778	10	6
Freeman and Co	425	14	3
Grenfell and Sons 124	615		
Sims, Willyams, and Co 164 5-6	364	5	9
Williams, Foster, and Co 1211/3	572		
Mason and Elkington 671/2	313		
Bankart and Sons 56	148	8	0
Copper Miners' Company 184	553		
Sweetland, Tuttle, and Co 282	761		
Penclawdd Copper Company 761/2	410	3	9

Total..... 1370 £ 4942 14 6 NO SALE on Thursday next, November 15.

Copper ores for sale at the Royal Hotel, Truro, on Thursday week.—Mines and Parcels.—Devon Great Consols 1415—Hingston bown 540—Marke Valley 449—East Caradon 348—Devon and Cornwall 363—Wheal Friendship 244—Wheal Emma 148—Bedford 115—East Russell 146—New Cornish 165—Wheal Crelake 30 Emma 148—Bedford 115—East Russell 116—New Cernish 165—Wheal Crelake 96
—West Maria Fortescue 72—New East Russell 35—Farsdon 26.—Total, 3904 tons.

WATSON AND CUELL'S MINING CIRCULAR WATSON AND CUELL,

MINING AGENTS, STOCK AND SHARE DEALERS, &c. 1, ST. MICHAEL'S ALLEY, CORNHILL, LONDON.

ATSON and CUELL transact business in the pagragate, "and Messrs. WATSON and CUELL transact business at no from the lengthened experience of Messrs. WATSON and CUELL transact business in the particular to the market, as they have for so many years done privately, through the medium of the market, as the private and mining and the state of the share market."

MINING AGENTA SON and CUELL transact business in the public data said of the share of the share market.

MINING AGENTA SON and CUELL are also daily asked their opinion of particular they are market. Messrs. WATSON and CUELL transact business in the public data said said they are and they are market. Messrs. WATSON and CUELL transact business in the public data said we have the western of a division of divisions on the market, as they have for so many years done privately, through the medium of their own cheer and they are and they are as the properties and they are and they are and they are and they are an arket, as they have for so many years done privately, through the medium of their own Circular.

Messrs. WATSON and CUELL transact business in the purchase and sale of mining shares, and other securities, payments of calls, receipt and transmission of divisions, or and cuell also information for clients, and affording advice, to the best of their knowledge and judgment, based on the experience of more than 30 years active connection with the Mining Market.

Messrs. WATSON and CUELL transact business in the purchase and sale of mining shares, and other securities, payments of calls, receipt and transmission of divisions, or an active connection with the Mining Market.

Messrs. WATSON and CUELL also inform their clients and the public that they transact business in the public funds, railway, docks, insurance, and every other description of shares dealt in on the Stock Exchange.

Messrs. WATSON and CUELL has been and affording advice, to the best of their knowledge and judgment, based on the experience of more than 30 years active connection with the Mining M

ways equal the expectations they may have held out in a property so fluctuating as mining.

Messrs. WATSON and CUELL having agents and correspondents in all the mining districts, and an extensive connection among the largest holders of mining property, have the more confidence in tendering their advice on all matters relating to the state and prospects of minos and mining companies, and are able to supply shares in all the best mines at close market prices, free of all charge for commission.

"P. C."—HINGSTON DOWN, which is immediately adjoining Prince of Wales, began dividends in 1834, and in that year sold copper ore, 22,2436,128, 6d., paying 4050, profit. In 1855 sold copper ore, 22,6156, 1s., and paid 82506, in dividends. In 185 paid 3000. During the present year the returns have been 11,8904, and the last dividend, 15004, was paid in April last. Other mines in immediate proximity to the Prince of Wales have also made very large returns and profits. All mining districts, like mines, are uncertain, but the country about Prince of Wales lode is everything that can be desired, and the prospects of great success in depth are of first-rate character.

Wales lode is everything that can be desired, and the property depth are of first-rate character.

CHONTALES—" X."—The advices are received monthly, and the next due in a few days. We certainly expect gold.

CORNISH PUMPING ENGINES .- The number of pumping-engines reported for Sept. is 24. They have consumed 1762 tons of coal, and lifted 130 million tons of water 10 fms. high. The average duty of the whole is, therefore, 49,700,000 lbs., lifted 1 ft. high, by the consumption of 112 lbs. of coal. The following engines have exceeded the average duty. the average duty :-Chiverton-Cooke

Average duty:—

Chiverton—Cookney's 60 in. Millions 58:5

Cargoll Mines—Michell's 72 in. 52:0

Delcoath—Harriett's 50 in. 50:4

North Roskear—Doctor's 70 in. 61:7

North Wheal Crofty—Trevenson's 80 in. 49:8

West Cardon—Elliot's 50 in. 51:7

West Chiverton—Hawke's 80 in. 60:7

Wheal Seton—Tilly's 70 in. 73:8

MINING BY MACHINERY.—The object of the invention of Mr. T. BERRENS, of Tarbes, is to increase the progress of the work in cutting through hard rocks by putting 10, 15, 20, or more men to the work where no more than one or two could work together according to the method at present in use. The perforating apparatus consists of a sheet-iron cylinder of about 4½ feet in diameter and 3 feet in length, supported by a long round iron central bar or shaft, on which it is securely held by means of a strong cross piece; the sheet-iron cylinder is furnished at its outer end with several sets of boring tools of various shapes. The central shaft is carried over several growed pulleys over which it can slide; at its outer end it is fitted with a boring tool, while its opposite inner end has a roothed wheel keyed upon it, which gears into and is worked by an endless screw; besides, the central shaft runs in a bearing or bearings supported near the pulleys by a long wooden frame which is fall down in the tunnel. Another long upper wooden frame is attached to or connected with the iron cross piece carrying the shaft; the latter wooden frame is furnished with cross pieces similar to the steps of a ladder, supported by two or three pairs of wheels travelling on rails laid down at the bottom of the tunnel. In working the apparatus, several men are seated on boards, with their backs towards the working tools, one man being seated between every two steps of the ladder. Each workman holding one of these steps pushes forward, and thus draws back the ladder, and at the same time the cylinder in the manner usual in rowing boats. By repeating this motion of boring tools will be made to enter the rock, and form a circular or annular channel. At each blow a slight motion of the endless screw causes the toothed wheel tourn round, and describe a limited are of circle, by means of which the position of the bering tools is chanced and in this twanter small marticles will be detached from the rock hanced. MINING BY MACHINERY .- The object of the invention of Mr.

admirable manner in which the professors at the Royal Polytechnic combine instruction with amusement has been many times previously pointed out in the Mining Journal, and the new lectures now being given by Prof. Pepper afford additional justification for whatever favourable opinions may be entertained regarding them. The optical illusions obtained by thrusting boys' heads through perforated looking-glasses, and calling them cherubs, attracts innumerable visitors who would otherwise avoid everything approaching science, and they speedily learn that the laborious researches of such men as Brewster. Faraday, Tyndall, and others can, by a little judicious manipulation, be made most attractive and interesting to everyone. Prof. Pepper's clucidation of Tyndall's latest researches into the nature of heat is one of the most attractive lectures ever given within the theater of the institution. To light a fire in the kitchen and place a joint in the garden would scarcely beconsidered a judicious mode of cooking, yet Prof. Pepper's shows that meat can be cooked at a distance of 100 ft. from the fire, whilst as the converse of this experiment he shows that in a room where neither light nor fire exists invisible rays may be introduced which will light a cigar r cause other combustibles to ignite. But this lecture on Heat is not the sole attraction amongst the present scientific novelities. The successful laying of the Atlantic Cable has created the desire amongst a large number of persons to become televraph is said electricians, and to suit the tastes of these Mr. J. L. King has prepared a most interesting and instructive lecture upon "Telegraphy in General, and the Atlantic Telegraph in Particular." which is listened to two ghouse decorated a conadmirable manner in which the professors at the Royal Polytechnic od a most interesting and instructive lecture upon "Telegraphy in General, it he Atlantic Telegraph in Particular," which is listened to throughout with riced attention. Electricity is a science to which Mr. King has devoted a conhe has great power to place his knowledge at the disposal of others

PAYMENT IN MONEY OR SHARES .- The suit Fergusson r. Wilson

an acquiescence in the payment, and debarred him from all further claim.

Non-Liability to Contribution.—In rethe Rolling Stock Company of Ireland (shackleford's case), Mr. Shackleford applied in writing for shares, on the understanding that all payments on them beyond the deposit paid on application should be paid in goods, to be supplied by him to the company, and he paid a deposit on the shares so applied for. He received no letter of all-timent or other reply, but his name was placed on the register of shareholders. He had never been called upon to furnish the goods, nor to pay calls. Vice-Chancellor Wood held that he was not liable to be treated as a contributory, as there never was an acceptance by the company of the terms proposed by him. This decision has been affirmed, on appeal, by the Lords Justices.

LIABILITY OF REAL ESTATE. In the case of Coleby r. Coleby ABILITY OF TRACE ESTATE.—In the case of Colory r. Colorly an intestate had contracted a debt upon the security of a promissory not deposit of his title deeds, and at the same time executed an agreement lich he stated that the deposit was intended as a "collateral security," I did by Vice-Chancellor Stuart that his real estate was primarily liable for ent of the debt, the question coming within the scope of Locke King's Act. In the same case, where an heir-at-law, as an act of bounty, voluntarily a latestate's functal expenses, the Court refused to allow him to be red out of the intestate's reprond estate.

VENDOR AND PURCHASER.-The defendant, in the case of Duddell our sining his bill before actual watver was not such an "insisting" as would justfy the defendant in annulling the sale.

THE BRITTANY SILVER-LEAD MINING COMPANY (LIMITED). 4, ALLHALLOWS CHAMBERS, 49, LOMBARD STREET, LONDON, E.C.

4. ALRIALIDATE CHARLES, 47, LORDARD STREET, ROLLING, BASES, The Concession of mining rights over thirty square miles of territory has just een granted to this company by the Emperor of France; one of the mines pened upon is now in an advanced state, and sliver-lead ore of first-class guarty is being shipped to Swansea, for which prices varying from £17 10s. 6d. to 45.7s. per ton have been realised.

The directors are willing to receive applications for a limited number of the event of shares, which are of £1 each, payable either in full, or by installents of 5s. each.

new issue of shares, which are of £1 each, payable either in full, or by instan-ments of 5s, each.

Purther particulars relating to the concession and the mines, also specimens of the ores, may be obtained on application to Mr. N. M. MAXWELL, at the offices of the company. Reference is invited to the weekly reports from the mine, which duly appear in the Mining Journal.

RAST WHEAL ROSE CONSOLIDATED SILVER-LEAD
MINING COMPANY (LIMITED).
In the neighbourhood of the well-known West Chiverton Mine.
Capital £15,000, in 5000 shares of £3 each.
Deposit on application, 19s. per share; upon allotment, 10s. per share.
No further call will exceed, per share incorporated under the Companies Act, 1982, which strictly limits the Hability of each shareholder to the amount of his subscription.
BANKERS—The City Bank (Ludgate Branch), 25, Ludgate-hill, E.C.
BROKERS.
Messrs. P. O. and J. H. Robertson and Co., 16, Abchurch-lane, Lombard-street, E.C.
SECRETARY—Mr. Mayger.

SECRETARY-Mr. Mayger.
OFFICES,-16, ABCHURCH LANE, KING WILLIAM STREET.

PROSPECTUS.

This company has been formed to work one of the most valuable silver-lead mines recently discovered in the county of Cornwall, situated in the parish of St. Erne, and in the immediate vicinity of East Wheal Rose and West Chiverton, two of the richest silver-lead mines in the world.

The property is held under lease for 21 years, at very moderate royalties, and the directors have entered into a provisional agreement for the purchase of the property and plant for the moderate sum of £1750 in cash, and 2000 shares, paid up to £2 only, thus showing the confidence of the vendors in the property.

As will be seen from the reports accompanying the prospectus, three most promising lodes have already been opened upon, requiring only a vigorous development to insure this becoming, in all probability, a most important dividend-paying mine.

paying mine.

The property has been examined by several practical and experienced lead
miners, including Capt. John Kitto, whose ability as a miner is substantially
manifested by the present remunerative condition of the celebrated Great Laxey
Mines; and the general opinion is that, with efficient management, the mine
cannot fail to become equally as profitable as any of the celebrated mines in
this district.

this district.

The directors will pay no promotion money.

The directors will pay no promotion money.

The Articles of Association do not contain any special or unusual clauses, and can be inspected either at the company's offices, or at the solicitors. The meetings of the company will be neith baif-yearly.

The directors will endeavour to observe the greatest economy in all matters of expenditure, consistent with the proper development of the property.

A considerable portion of the requisite capital has been already privately subscribed.

Allotments will be made according to priority of applications.

scribed. Ultotments will be made according to priority of application, and where no otment is made the deposit will be promptly returned, without any deduction

allotment is made the deposit with the provided support of the form accompanying the whatever.

Applications for shares to be made by filling up the form accompanying the prospectus, and transmitting it with the amount of deposit to the bankers, brokers, or secretary of the company. No application will be received for less than five shares, and the shares will be issued in certificates of five each.

Full prospectuses, with reports by Capt. John Kitto (late of Great Laxey), and Capt. James Brown, of Penhale and Lomax Mines, and forms of application for shares can be obtained of the bankers, brokers, or at the offices of the company, where specimens of the ores may be seen, and every information obtained.

GREAT WEST ST. GEORGE COPPER MINING COMPANY

The directors beg to announce that, from the number of shares in the above company aiready disposed of, they have resolved to COMMENCE OPERATIONS AT ONCE. The directors and promoters, who aiready hold more than one-third of the entire capital, have entrusted the management of the works to Capt. Wasley, a gentleman of great mining experience, in whom they have the utmost confidence. Capt. Wasley has made a most favourable report as to the prospects of the mine: he states—"As soon as the main shaft has been sunk another 10 fathoms, large quantities of ore will be sent into the market monthly, yielding a handsome return on the outlay."

The directors are of opinion that the property offers unusual inducements for investment. As a proof of the richness of the mine, tributers (when the mine was under water) returned 10 tons of ore from the adit level alone, and they are desirous of working again on the same terms, at the other workings, as soon as the water is pumped out of the mine.

The directors are determined to leave nothing undone to ensure satisfactory results, and they have decided to inform the sharcholders from time to time, by circular or advertisement, as to the progress made.

Being satisfied of the bona fide character of the undertaking, they have much confidence in recommending it to the public as a safe investment of capital.

confidence in recommending it to the public as a safe investment of capital.

See extract from Investors' Guardian, July 28, 1866.

West Great St. George Copper Mising Company.—There are two, if not more, circumstances connected with this undertaking which render it more than usually attractive. The first relates to the direction, the quality and influence of the persons by whom it is composed, and the large and liberal interest they have embarked in the undertaking. When persons of public repute, as well as of individual merit, embark in any transaction; when they prove their sincerity by the most effectual and tangible process open to them—viz, a large holding in the company—it is not surprising that others should be attracted to the project, until it settles down as one of the really respectable adventures of its class. The second adventitions aid of which this association is possessed relates to the character of the property itself, and the ready means of development at its command. These are, fortunately, beyond cavil, and within the reach of investigation by every one who may be disposed to take an interest in the undertaking. The prospectus is thoroughly explicit on this subject, so that every one of its mand. These are, fortunately, beyond cavil, and within the reach of investi-gation by every one who may be disposed to take an interest in the undertaking. The prospectus is thoroughly explicit on this subject, so that every one of its statements may easily and readily be tested, to the satisfaction of every intend-ing subscribes. The capital is limited to £30,000, in £5 shares, and of this amount more than a molety is already taken by the promoters, directors, and their immediate connections.

Application for the remaining shares to be made to F. W. WILLIAMS and Co. Market-street, Manchester; or BRADLEY and PERCY, Kennedy-street.

PARTITISH AND FOREIGN INVESTMENT.—

MR. THOMAS SPARGO, 224 and 225, GRESHAM HOUSE, OLD BROAD STREET, LONDON, E.C., TRANSACTS EVERY DESCRIPTION of BUSINE'S in the PURCHASE and SALE of SHARES in BANKS, CANALS, MINES, RAILWAYS, BRIDGES, INSURANCES, and ALL OTHER DESCRIPTIONS of BRITISH and FOREIGN STOCK.

Mr. SPARGO has 20 years' experience of mining, ten of which he was engaged in practical mining, and ten years he has transacted business in mining shares and stock, at 224 and 225, Gresham House, Old Broad-street, City, E.C. Bankers L:ondon and Metropolitan and Provincial Bank (Limited).

M E S S R S. C A R N E A N D C A R T H E W, BRITISH AND FOREIGN SHAREDEALERS, FINANCIAL AGENTS NEGOTIATORS FOR THE SALE OF MINES AND MINING PROPERTY OF EVERY DESCRIPTION. ST. JUST AND WEST CORNWALL MINING OFFICES, 12, NORTH BUILDINGS, BROAD STREET TERMINUS, E.C.

Messrs, Carne and Carthew, after business relations for twenty years, have entered into partnership for the general conduct of mining business, which they believe their long experience and knowledge will enable them to transact with satisfaction to their clients.

As Sharedealers they will buy and sell on the usual charges for commission, and having no blas of their own, will ever be ready to advise their correspondents as to the best and securest investment in the market. Those of their friends who, in the early part of the year followed their counsel have benefitted, in many instances, 200 or even 300 per cent., and this, by judiclous operations, will always be the case, whilst the unadvised outsider, who listens to the senselses gossip which emanates from irresponsible "mining men," are sure to lose their money.

money.

As Financial Agents, Carre and Carrew propose to enter on an entirely new field of business. It has long been patent to all who are bona fide adventurers in the great mining industry of the country that the Limited Liability Act, whatever may be its value or its worthlessness for other enterprise, is utterly unfit for mining purposes; for just at the moment that the property is being brought into a paying state the power to make calls becomes exhausted, and the borrowing powers which the company have, under their Deed of Settlement, can seldom or never be satisfactorily exercised. To supply this great defect in the working of companies so constituted, and thus rescue many valuable concerns from ruin, and their shareholders from serious loss, is an important object in the programme of their business.

feet in the working of companies so constitutes, and thus recent many reconcerns from ruin, and their shareholders from serious loss, is an important object in the programme of their business.

The Transfer and Sale of Mines, as at present managed, when offered in London (and there is no other place where a market can be found) is most wretchedly conducted, as every practical man knows who glances at a catalogue. The salesman is ignorant of what he is dealing with, and he cannot convey to his cilents a clear perception of the value of the estate, it being to him ascaled book. This important defect Carne and Carnew, from their great experience, feel they can well supply, and will be happy to negotiate all such sales or transfers, either by private negotiation or public auction.

Carne and Carnew have adopted the name of the St. Just and West Cornwall Mining Offices, because it has been the scene of their great success, they having paid dividends from more mines in those districts after than any other firm has throughout the empire, and because those districts are, from their being almost a berra incognita to the London world, less dealt in than the better supported districts of Caradón and Tavistock, although, as they believe, far more deserving public support.

red districts of Caradon and Taylstock, atthough, as they believe riving public support.

ondon Agencies for respectable constituted companies conducted.

MINES INSPECTED BY EDUCATED AGENTS OF GREAT EXPERIE

TO MINE, SLATE QUARRY, AND RAILWAY COMPANIES.—CAPT. C. WILLIAMS IS NOW OPEN to UNDERTAKE ALL KINDS OF CONTRACTS, such as DRIVING LEVELS, SINKING SHAFTS. CONSTRUCTING WATER COUNTS. CANALS, TRAMWAYS, &c., and ERECTING ALL SORTS of MACHINERY for MINING and OTHER PURPOSES, having on hand at all times a first-class staff of miners and machinists, who will proceed to any part of the world upon the shortest rotice.

N.B.—In all cases 30 per cent. will be left in hand until the work is complete.

Tyn-y-Wern, Taliesin, via Shrewsbury.

BAGILLT OIL COMPANY (LIMITED),
MANUFACTURERS OF BLACK GREASE FOR COLLIERY WIRE ROPES,
TRAMS, WAGONS, &c., £5 PER TON.
TORCH AND LAMP OIL, 1s, PER GALLON.
Casks free.

Notices to Connespondents.

• Much inconvenience having arisen in consequence of several of the Numbers during the past year being out of print, we recommend that the Journal should be filed on receipt: it then forms an accumulating useful work of reference.

COPPER SMELTERS IN AMERICA.—Can either of your correspondents furnish me with the name of the American United States copper smelters, especially those about Baitimore?—J. TREMAYNE: Tritro.

OLD RUSSIELL, AND EAST RUSSELL.—Seeing a paragraph in last week's Journal relative to the important discovery at Old Russell, and that the lede runs through East Russell, which appears to be most important for this mine,—as a shareholder, I shall be glad to hear from our agents how far this lode runs through our set, and the value of the lode at present in Old Russell; no doub, their reply will be appreciated by East Russell shareholders.

SHARE DEALING.—We ever interfere in the sale or purchase of shares; neither

SHARE DEALING.—We never interfere in the sale or purchase of shares; neither do we recommend any particular mine for investment or speculation, or broker through whom business should be transacted. The addresses of most of the latter appear in our advertising columns.

THE MINING JOURNAL

Bailway and Commercial Gazette.

LONDON, NOVEMBER 10, 1866.

MECHANICAL VENTILATION OF COLLIERIES.

The ECCENTRIC FAN VENTILATOR, invented by Mr. TH. LEMIELLE, The ECCENTRIC FAN VENTILATOR, invented by Mr. TH. LEMIELLE, of Valenciennes, France, described in the Mining Journal some five years since, was, as will be seen from our local correspondent's letter, again brought before the notice of the North of England Institute of Mining Engineers at their meeting, on Saturday, and was extremely well received. Mr. ELLIS LEVER, of Manchester, who has been appointed the agent for Great Britain, writes that great interest was excited there by the model which he exhibited, and already they are asked to send estimates for the erection of the ventilator at some of asked to send estimates for the erection of the ventilator at some of the most important collieries in Durham, where they undertake to extract from 100,000 to 200,000 cubic feet of air per second, the ventilator working at only 12 to 20 revolutions per minute, and using only a very small quantity of coal compared with the furnace. In the Supplemental Sheet which accompanies this day's Journal will be found an illustrated description of some of the principal ventilators used on the Continent, in which centrifugal force is availed of

for extracting the nir.

It will, no doubt, suggest itself to many of the readers of the Journal that the proposal to introduce Mr. LEMIELLE's ventilator will afford a favourable opportunity to revive the discussion upon the relative merits of machine and of furnace ventilation, as well as of the several classes of machine ventilation which has been proposed The fact of Mr. Lemelle's ventilation which has been proposed. The fact of Mr. Lemelle's ventilator having now successfully borne the test of seven years' practical trial will permit of the consideration of the subject in a manner which was impossible when Mr. Laurent's paper upon the machine was read before the North of England Institute in 1859, so that a satisfactory and final solution of the question may reasonably be hoped for; for such a discussion than receivery where will cladible to a forted.

the necessary space will gladly be afforded.

With a view to facilitate the systematic consideration of the matter by those in favour of the several modes of ventilating collieries, a few of the chief questions raised and remaining to be answered may be mentioned. It has to be demonstrated whether the furnace is superior to every description of machine ventilation, and whether the great advantage belonging to the furnace—that the ventilation of the pit continues unimpaired for some hours after the furnace has been put out—can be produced by any contrivance connected with the machine. It has to be demonstrated whether the centrifugal (or its modification, the eccentric) or the reciprocal system of machine. the machine. It has to be demonstrated whether the centrifugal (or its modification, the eccentric) or the reciprocal system of machine is to be preferred—the advantage of the centrifugal being that the outward course of the air is continuous, and its disadvantage that the extraction of air does not increase with the speed of rotation, and that if a certain speed be exceeded the ventilation ceases altogether; whilst the advantages of the reciprocal (represented by the machines of Struve, Nixon, and others) is that each stroke extracts a given quantity of air, the return of which is prevented by valves, and its disadvantage is that there is a dead-stop at each half-stroke. A secondary question, coming under this head, is whether the valves of the reciprocal system or the moveable wings, when used, of the centrifugal system are the more liable to derangement. And it has to be demonstrated whether the larger quantity of air extracted when moveable wings are used is compensated for by the fewer parts liable to get out of order when no such wings are used. Each of these points offers a fair field for discussion, which cannot fail to elicit a very large amount of valuable practical information.

THE NORTH OF ENGLAND IRON TRADE.

state of the Pig-Iron Trade of the Cleveland and North of Eng-The state of the Pig-Iron Trade of the Cleveland and North of England district is in by no means a satisfactory condition, and should the strike in connection with the finished iron manufacture continue much longer, it is not unlikely that a number of the blast-furnaces will be blown-out. The stock of pig-iron in store at Middlesbro' continues to increase, and now stands at about 56,000 tons. The stocks in makers' hands are also on the increase, and, as the demand is not equal to the supply, prices are being forced down by underselling. Official quotations at present are, No. 1, 49s. 6d.; No. 3, 46s. 6d.; No. 4 forge and No. 5, 45s.; No. 6, 44s. The above prices are for cash, and four-months bills are 1s. 6d. per ton extra. Good orders can, however, be booked at prices somewhat below the above, but the leading firms adhere as nearly as possible to the official quotations. The affairs of M'EWEN, BRYSON, and Co., are now exciting a good deal of attention here, as the bankrupts' examination is now on at Glasof attention here, as the bankrupts' examination is now on at Glasgow, and some remarkable disclosures have been made relative to the late disastrous rig in the Scotch pig-iron market. It now turns out that a select party of ten entered into a compact in the parlour of the ill-fated BARNED's Bank, at Liverpool, about the end of January last, the object of the combination being to force up the price of pig-The clique had at that time bought up warrants for 500,000 tons of pig-iron, while the actual amount of iron in store was only 370,000 tons. Thus it was clear the sellers of the warrants would be in the hands of the party when the time for delivery came, as they would be compelled to go in the market and to buy warrants at the in the hands of the party when the time for delivery came, as they would be compelled to go in the market and to buy warrants at the price then prevailing. As, however, they would have to deal in reality with the members of the clique, they would be compelled to pay exorbitant prices for what warrants they wanted to buy; and thus it was that the rates for Scotch pig-iron went up to above 80s. per ton, while the normal value of the iron was only about 54s. There is no doubt this bold speculation, which only wanted a few elements to have made it a financial success, had a very material influence in producing the monetary crisis. BARNED'S Bank had done a good deal in advancing money on the iron warrants, and it is said that OVEREND, GURNEY, and Co. were also mixed up in the affair, and it seems likely that the downfall of the two concerns was intimately connected with this speculation. A missing letter-book is wanted before all the with this speculation. A missing letter-book is wanted before all the details of this remarkable speculation can be ascertained, and at pre-

sent there does not seem a very good prospect of the book being found.

The finished iron trade is gradually getting under way again.

The protracted strike still ostensibly continues throughout the whole district better district, but the men are going in in various places, and most of the firms have their mills and forges in partial operation again, with non-Union men and with hands from other districts. Wherever the men have gone to work on the reduced terms they are very bitter indeed against the leaders of the strike, who have failed to give them more than about half-a-crown per head per week since the The nien are leaving the Union fast, and destrike commenced. clare that they will not be so misguided as to trust to it in future

6.

E D), ROPES,

either

The leaders, apparently feeling this, and getting aware that their power in the North is waning, are making an attempt to amalgamate the Northern and Southern Unions, which for some years have been working separately from each other. The Brierley Hill executive, however, and the Staffordshire Millman's Union object to the proposal, and, therefore, it appears unlikely that it can be carried into effect. But the Staffordshire men are, in the mean time, sending a certain amount of help up here, though as the works there are only on about half-time they are not able to do much. It is fully anticipated that in a few weeks all vestiges of the strike will have disappeared, except in the disastrous effects which it will leave behind. In many places fever and other diseases are very prevalent. anticipated that it a lew weeks at vestiges of the strike will have disappeared, except in the disastrous effects which it will leave behind. In many places fever and other diseases are very prevalent, owing, doubtless, to the low diet. When the works are re-opened, it seems probable that only partial time will be made, or only a portion of the men will be re-engaged. We hear of some works which have been laid by for a time, and which will not be re-opened at present, except there should be some unexpected revival of trade. The shipbuilding yards are very slack; the engineering establishments have in most cases dispensed with a portion of their hands, and on all sides we have evidence that the iron and cognate trades, not only here but in all districts, are in a most depressed and unsatisfactory state. We may, however, expect better times after Christmas, should nothing unforeseen occur. The men on strike are still endeavouring to enforce their demands by resorting to mob law, and at Witton Park, during the last week, a serious riot has occurred, and a number of men on strike have been committed to the Assizes for trial. They have damaged their cause very much by these disgraceful proceedings. The proposal of Messrs, Fox, HEAD, and Co. for co-operative ironworks has been received with great coolness by the men. The firm only propose to take the reasonable sum of 10 per very on the profits for interest on capital. The men consider this for interest on capital. for co-operative from only propose to take the reasonable sum of 10 per cent. on the profits for interest on capital. The men consider this too much, being evidently of opinion that the employers should be content without any return for their money, or any recompense for the anxieties and risks involved in a business like the iron trade.

COPPER ORE AND REGULUS.—The value of the copper ore imported into the United Kingdom in the first eight months of this year was \$87,500L, as compared with 760,277L in the corresponding period of 1865, and 719,801L in the corresponding period of 1864. The value of the copper ore imported to Aug. 31 this year from Cuba was only 88,731L, as compared with 112,084L to the corresponding date of 1865, and 111,491L to the corresponding date of 1864. On the other hand, the value of the copper ore received from Australia has largely increased this year, the value of the deliveries from that quarter of the world being computed at 143,028L to Aug. 31, as compared with 77,336L to the corresponding date of 1865. The value of the Chilian copper ore imported in the first eight months of this year was 298,969L, as compared with 276,251L to the corresponding date of 1865. The value of the copper regulus imported to Aug. 31, this year, was 902,582L (807,809L COPPER ORE AND REGULUS .- The value of the copper ore 266,894. to the corresponding date of 1894. The value of the copper regulus imported to Aug. 31, this year, was 902,582*l*. (807,809*l*. from Chili), as compared with 752,643*l*. (697,256*l*. from Chili) in the corresponding period of 1865, and 668,606*l*. (582,639*l*. from Chili) in the corresponding period of 1864. The combined value of the copper ore and regulus imported into the United Kingdom in 1856 was 1,929,683*l*.; 1857, 2,157,558*l*.; 1858, 2,138,880*l*.; 1859, 1,812,023*l*.; 1860, 2,211,558*l*.; 1861, 2,008,246*l*.; 1862, 2,631,056*l*.; 1863, 2,000,473*l*.; 1881, 2,454,674*l*.; and in 1865,2,690,64*l*. 1864, 2,054,674l,; and in 1865, 2,699,064l.

COPPER MINING IN THE LAKE SUPERIOR DISTRICT .- Some short COPPER MINING IN THE LAKE SUPERIOR DISTRICT.—Some short time since a series of highly interesting articles relating to the copper mines of Lake Superior was published in the Journal, and Mr. John Daniell, of the Copper Falls Mine, Keweenaw county, Michigan, the author, has now forwarded some beautiful specimens of the pro-duce of the district referred to, which may be examined at the Mining duce of the district referred to, which may be examined at the Mining Journal office by those interested. They comprise some of the calumet conglomerate; ore from the ash-bed rock; and some beautiful specimens of crystallised copper with quartz, in the trap which overlies that rock. From a casual inspection, the copper appears to be as near as may be pure, and comptent judges estimate that the rock as broken is worth 30 per cent. for metal. Mr. Daniell writes that the specimens are not picked, or lately broken, being from rock left on hand after last year's shipment. There are also samples of native copper, one piece chipped from a mass of more than 100 tons. Assuming that the samples may be taken fairly to represent the copper deposits of the district, there can be little doubt that Mr. Daniell has not overstated the attractions which the locality offers to British not overstated the attractions which the locality offers to British capitalists, judiciously advised.

RAILWAY FREIGHTS FOR AGRICULTURAL PRODUCE.—Connected with the question of Railway Reform in Ireland, it will interest the farming, the labouring, and consuming classes, and especially the share and debenture holders, who sigh for profits and dividends from railways, to learn that here, in Prussia, several railway companies are now, as in former harvest sensons, carrying potatoes at a rate which is about \$4d\$, per ton per English mile. For short distances the rate is a fraction over \$4d\$, per ton per mile; for longer distances it is rather less. Thus, for 5 tons, for 93 English miles, reducing the weights, money, and distances to English standards, it is just 17s., or 3s. 4\frac{3}{6}d\$, per ton—about \$4d\$, per stone. The only conditions are that the potatoes be delivered in full wagon loads of 5, 10, or 15 tons, and that the railway company shall not be accountable for any injury by frost. The company, of course, furnishes the wagons, and cover them with great leathern covers, as I have seen myself this day. In this matter the railway companies are truly fulfilling the great mission of railthe railway companies are truly fulfilling the great mission of railways—equalising prices, bringing the produce from the thinly populated agricultural districts, where it is plentiful and cheap, to the thickly populated mining and manufacturing districts where it is scarce and dear. That it pays well might be inferred from the fact of the companies fixing such tariffs, and that the companies, after paying all interest on their borrowed monies and sinking fund divide paying all interest on their borrowed monies and sinking fund, divide among the shareholders 8, 9, and some 17 to 22 per cent. How this is done, and WHY each reduction of freight within a limit not yet reached or determined is attended with an increase of profits can be seen from the evidence already given on Prussian Railways to the Royal Railway Commission in London.—Dusseldorf, Nov. 2.

PEAT FOR LOCOMOTIVES.—Two important trials of Mr. Hodge peat fuel have been made on the Grand Trunk Railway of Canada. The peat used contained about 20 per cent. of moisture. A train composed of a locomotive and six cars left Point St. Charles with about 32 tons of fuel in the tender, and run through to Kingston, a distance of 177 miles, 52 minutes in advance of the running time, with 62 lbs. of fuel to spare. The details of the experiments were—distance run, 177 miles; fuel consumed, 34 tons less 62 lbs.; consumption of fuel per mile, 45 lbs.; maximum consumption per mile between stations, 60 lbs.; minimum ditto, 30 lbs.; average distance axiom, that the remains of extinct animals and man were not of conbetween stations, 601bs.; minimum ditto, 301bs.; average distance run per ton of fuel, 60½ miles; value of fuel, 3½ tons at 14s. 6d. = 2½. 10s. 9d.; cost per mile run, 7 cents (3½d.); average speed, including stoppages, 25½ miles per hour. Considered by comparison, the peat seems to occupy a position between wood and coal, and it is believed that whether the contract of the contr is believed that when the percentage of moisture is reduced to 10 per cent., peat will head the list. The relative cost of the fuels is—coal, 2.95 tons, at 2*l*. 10s. per ton, 7*l*. 7s. 6d.; wood, 4.41 cords, at 29s. per cord, 6*l*. 8s.; peat, as stated above, 2*l*. 10s. 9d., or about one-third that of coal.

IMPROVED SELF-ACTING MINE CAGE.—The inconvenience arising from the demands of workmen render it imperative that employers of labour should offer every encouragement for the invention of conof labour should offer every encouragement for the invention of contrivances calculated to lessen their dependence upon human aid. An ingenious self-acting arrangement for mine-skips has recently been patented in America by Mr. G. WILLIAMS, of Sterling, Colorado, the chief object of which is to facilitate the loading and unloading of the chief object of which is to facilitate the loading and unloading of skips and cages at various levels in the shaft. The power for raising the elevator proper can be the same as at present. The elevator, which may be of wood or boiler iron, is slung by a yoke passing under which may be of wood or boiler iron, is slung by a yoke passing under the bottom, to which it is attached by pivots, to allow the vessel to be tilted or inverted. It is guided in its ascent by rails and lips, and a portion of the front rail is pivoted above the chute, and where it connects with the lower portion is curved to fit a corresponding curve below it. By means of suitable levers this upper portion can be de-

tached from the lower part closing the vertical ascent, and compelltached from the lower part closing the vertical ascent, and compening the elevator to turn by means of the roller into the passage to
the chute, when by means of the yoke the elevator is tilted sufficiently
to discharge its contents through the chute. It can be readily seen
that by the suspension of the elevator by the yoke attached to its
bottom, instead of requiring additional power at the point of tilting,
the weight is shared by the lifting rope and the lower curve on the
guide rod guide rod.

THE ROYAL COMMISSION, AND THE UNEXPLORED ENGLISH COAL FIELDS-No. IV.

A REPLY TO SIR RODERICK MURCHISON'S PAPER, READ AT THE MEETING OF THE BRITISH ASSOCIATION, IN NOTTINGHAM.

BY JOSEPH HOLDSWORTH, ESQ., M.G.S.F., ETC.,

Author of "The Extension of the English Coal Fields beneath the Se Formations," &c.

Assuredly it is the peculiar province of the director of an establishment for the cultivation of a particular science to give his best attention to any facts or evidence of importance affecting it, from whatever quarter they may have been derived, irrespective of all class interests; and if in his elucidations of its doctrinal points, &c., he manifestly omits to adduce such actual information, it cannot be denied that, in such special cases, his premises are untenable, and he arrives at results by a process of induction the very reverse of sound or "fair reasoning."

And, besides, all attempts to ascertain the thickness of a forma-

sound or "fair reasoning."

And, besides, all attempts to ascertain the thickness of a formation, constituted of a vast series of strata, by admeasurements of what is called the outcrop, often many miles in apparent width, and frequently for the most part concealed by gravelly debris or adventitious clays, must assuredly fail to give anything approaching a reliable estimate of its actual vertical dimensions. In fact, the operations of the miner are constantly presenting us with proofs of the singular inaccuracy of such geological dicta, commonly showing the thicknesses of these class-deposits to have been greatly over estimated. Most obvious it is, then, under such circumstances that all reliable data of the latter character should be carefully regarded in forming calculations with respect to the thickness, presence, or estimated. Most obvious it is, then, under such circumstances that all reliable data of the latter character should be carefully regarded in forming calculations with respect to the thickness, presence, or absence of any of the deposits geologically superincumbent on the coal measures. And, most certainly, such considerations were entitled to Sir Roderick's special notice, before attempting, as an eminent authority, to promulgate a belief that "the thickness of the superposed rocks of the south-eastern districts renders the working of coal therein out of the question." His dictum, however, for the various reasons above adverted to, it can hardly fail to be seen falls harmless to the ground. And infinitely better it should be so than that it were so far to prove detrimental to the national interests as to have the effect of closing up so vast and promising a field from the test of actual operations by private or public enterprise.

We must not, however, be unmindful that Sir R. Murchison is the elected chief of the official band selected for constituting what is considered to be the scientific section of the Royal Commission, save one independent exception; and, moreover, as already intimated, has on that ground, before it commenced its surveys, chosen to step forth with a formal declaration of his "a priori reasons," for the sole purpose of "setting aside the hypothesis" that productive coal fields might exist under our southern and eastern counties. And then, having done this to his own entire satisfaction, complacently tells the British Association that he and hisco-commissioners had "simply to proceed to form the best approximate estimate they could of the amount of coal left in the fields which had been so long worked!"

It were superfluous to comment on the summary and incongruous character of these annunciations. If the Royal Commission is thus

amount of coal left in the fields which had been so long worked!"

It were superfluous to comment on the summary and incongruous character of these annunciations. If the Royal Commission is thus to be induced to limit its pregnant investigations, it will indeed be making short work of its special labours, by leaving untouched avowedly one of the most important points of enquiry—the existence of productive coal beds beneath the younger formations of Britain.

In the present instance we have presented a notable example of

In the present instance we have presented a notable example of the objectionable character of centralisations of intellect, which, in fact, are as inimical to the best interests of a community as is a centralisation of political power to the wholesome progress of a nation. In our own country, unfortunately, the coteries of science and literature are but too commonly living embodiments of the principle. Within the prescribed boundaries of these charmed circles mutual acknowledgments, courteous recognition, and gratulation are sufficiently rife; whilst the great external zone is too commonly rendered frigid and barren with cold reserve and affected discountenance from the (scientific) powers that be. In France it is not so, a far more general and liberal system prevails; marked intelligence, however humble its possessor, and the promptings of genius in every grade, find a ready natronage and universal recognition. find a ready patronage and universal recognition.

and a ready patronage and universal recognition.

The received opinions and dogmas of our scientific circles are often clung to and maintained with extreme pertinacity, regardless of the march of discovery and more enlightened views. The late Professor Fleming, one of the most experienced and profound geologists in Edinburgh, on one occasion related to me a notable exhibition of this spirit in his own experiences. On presenting him with a little work entitled "A Battle with the Basalts," I had just then published in the phops of the property there gradual he the above city, antagonistic to the Igneous Theory, there cradded, he remarked he was under the impression that he was the only geologist therein who entertained these particular views and opinions, opposed to that popular hypothesis; and added, "If you will come to the Institution on the Mound any day I am lecturing to my pupils you will hear me enunciate facts and doctrines on this subject very similar to those contained in your present publication." and reyou will hear me enunciate facts and doctrines on this subject very similar to those contained in your present publication: and, requesting to know where I had acquired them, I replied simply by a protracted series of close investigations of the phenomena of the basaltic rocks in this and other countries, especially of those instructive ones in the neighbourhood of Edinburgh: and on my putting a like question to the venerable Professor, he said, "I also became convinced that the Basalts were not of Igneons origin, solely from minute examinations of them in the Ochils, where I resided during a period of seventeen years; but," continued he, "although by lectures, articles in magazines, pamphlets, &c., I have strenuously endeavoured to promulgate my opinions thus acquired of the Igneous Theory, I have never been able to provoke or elicit a solitary reply thereto from any one of its avowed advocates. Professors eschew all challenge of it, reviewers refuse to touch its opposing arguments, all challenge of it, reviewers refuse to touch its opposing arguments, and the very booksellers seem averse to venture on the sale of opinions not duly authorised!" A little leaven has leavened the whole batch, and the public mind is expected to feed upon it, and to ask no questions.

Upwards of twenty years ago I published some strictures on a lecture delivered in the West of England by the President of a local Institution, on the subject of Osseous Remains in Limestone Caverns, temporaneous origin. Having then but recently visited the South of France, where such caverns and their intermingled fossil contents are not unfrequently found, and having given much attention to the matter, I contended that the opinion thus entertained was erroneous, and that the existing evidences were abundant and conclusive which testified to the contemporiety of man and the mammoth, &c. For this enunciation I and my paper were ignored, after the most approved method of the eminently skilled in the art of anthro-pooh-pooh-ology; and so the matter rested in its pristine state of infallibility, until of late the Abbeville jaw-bone arose from its fossil tomb, awakening renewed research, leading to still more startling discovery, and now the remains of extinct animals and those of man are propounced by geological Status to be of contemporary existing.

awakening renewed research, leading to still more startling discovery, and now the remains of extinct animals and those of man are pronounced by geological Navans to be of contemporancous origin? And it is highly probable that evidence may be forthcoming to prove them of much more recent date than geologists at present admit. And so, indeed, fared it with my repeated published contentions (commenced thirty years ago) for the existence of coal under the younger formations of Central and Southern England. Opinions, though so long scouted by geologists, now attracting their especial attention; and Sir R. Murchison starts up to speak of it as an original, "ingenious suggestion" of a student in the Museum of Practical Geology!

I have, however, the gratification of embracing the present oppor-I have, noweer, the grathication of emoracing the present opportunity of acknowledging the honour accorded my recent publication on the subject in question, by the Mover and Seconder of the address to Her Majesty for the appointment of the Royal Commission, in their speeches in the House of Commons on June 12 last. The former, Mr. Hussey Vivian—an excellent geologist—on the occasion of quoting some passages from it, was pleased to do so in commendatory terms; and the latter, the Hon. H. G. Liddell, remarked that—

terms; and the latter, the Hon. H. G. Liddell, remarked that—
"His honourable friendhad only done justice to Mr. Holdsworth, a gentleman who had studied and written on the subject of the existence of coal beds under the New Red Sandstone. That gentleman had for thirty years held the theory of the existence of valuable coal beds at accessible depths throughout the midland districts of this country, a theory which he had argued out by induction and proved by facts, although it had met with no inconsiderable degree of antagonism on the part of other geologists. It was not to be expected that the Government would carry on costy experiments, or make borings at a great expense to the public, in order to discover the truth on that point; but he believed it would only be necessary to direct public attention to Mr. Holdsworth's views in order to stimulate that individual effort which he was convinced would not be found wanting." be found wanting."

Although it is trusted that in the course of the above explications has been abundantly exemplified, inductive geology is in favour of the existence of large areas of productive coal seams beneath unexplored districts of England, occupied by more recent formations, it is, nevertheless, sufficiently obvious such facts can alone be proved

The researches stime the proved by actual experiment, judiciously applied and skilfully executed.

The researches of the scientific, and the labours of the practical operator, should ever act in harmonious co-operation for the successful development of all great and important results. If the eye of faith is dim, the lamp of science can light up many a dark recess, and guide the adventurer on his dubious way, until his physical efforts culminate in the establishment of often invaluable evident ways. proofs. Science itself is, in fact, essentially practical. All correct science has no other end than that of soliciting Nature to disclose her secrets, that they may be applied to the advantage of humanity, in improving industrial pursuits. Science, in its ordinary accepta-tion is knowledge, and its legitimate end is truth.

And well it is when her notable votaries can say they have alone
mounted to her hallowed temple on the stepping-stones of truth;

and that when well planted there are the courteous and humble dispensers of her ennobling and instructive demonstrations. It, however, not unfrequently happens that her professors are rather too much addicted to glory in their own profundity, if not to arrogate to themselves the papal prerogative of infallibility. But all such contracted and exclusive manifestations serve only to circumscribe their sphere of public usefulness, and to diminish that high consideration and respect to which the gifted man of science is ever consideration and respect to which the gifted man of science is ever

minently entitled.

In a progressive science like geology, the most cherished axioms In a progressive science like geology, the most cherished axioms and opinions of its devotees are ever subject to be dispelled by the developments and discoveries of the most ordinary operator; its magnificent and ever-varying field is as yet but very partially explored, and it may require generations of deep research and diligent investigation before it is a complete science. Laplace's aphorism of "It is the little that we know; it is the great that remains unknown," may truthfully be applied to geology. No, nor will it ever be given to man to know all the works and ways of God. It has been well remarked that, with all our boasted discoveries and pride of science, perhaps these are as little known to us as the unbroken forest to the microscopic insect, whose life is a day, and whose world is a leaf—that little decaying leaf, the scene of its most distant journey, its country, its cradle, its grave. With what modesty, then, should the highest intellect bow down and bear itself in the presence of its Creator. I would observe, in conclusion, that the information sought to be

country, its cradle, its grave. With what modesty, then, should the highest intellect bow down and bear itself in the presence of its Creator. I would observe, in conclusion, that the information sought to be obtained by the appointment of the Royal Commission is of paramount importance to the best interests of the nation; happily, under the able presidency of His Grace the Duke of Argyle, it is composed of men eminent for their scientific attainments and practical knowledge, and who, it is trusted, will not content themselves with cramped and partial views of the grand field of their special labours, which, it hardly need be said, will decidedly be the case if they act on the authoritative suggestion of "simply proceeding to form the best approximate estimate they can of the amount of coal left in the fields we have so long worked." This, verily, is a vital question, but it scarcely bears comparison with the other specified point for investigation—the existence of productive coal beds beneath the younger formations of the kingdom. Under present circumstances, it will not be possible, in a general sense, for the Commission to come to any actual decision in this matter; should it, however, arrive at conclusions, with regard to very extensive areas in the new districts in question, discouraging to the enterprising explorer, it may be the means of keeping closed the gates of discovery for centuries to come in vast areas which induction points to as probable repositories of untold wealth. Sir Roderick's paper—as coming from such an authority—is eminently calculated to be productive of such obstructions as regards nearly the whole expanse of Central and Southern England! Some may affect not to regret this, as not immediately bearing on common or personal interests, but all such are narrow and mistaken views of the question; for although many of the pioneering coal trials may from one cause or other prove unsuccessful, we should not be unmininfful that the discovery of but two or three of these distinctive new source regards the economic use and expertation of coal, but would impart additional power and impetus to the great current of industrial enter-prise, directing it anew into a thousand fertilising channels—all tending to the enhancement of our present signal prosperity, and to the future stability and welfare of the nation.

REPORT FROM SCOTLAND.

GLASGOW, Nov. 7.—The depression which closed the week in the Pig-Iron Market was of short duration, and on Monday warrants were wanted at 52s. 6d. cash, with sellers rather indifferent about doing business at that figure. Yesterday the market kept firm, with a rebound up to 53s. cash, and buyers over, while sellers held for 53s. 13d. During the month stocks in store have been reduced upwards of 30,500 tons, and there having only been 94 furnaces in blast, against 136 in October of last year, the stocks must now be reduced something near 100,000 tons since the beginning of the year. In Connal and Co.'s store there were on the 31st ult. 336,895 tons, and in the Canal Coapany's, 38,473 tons; last year there were in the former 324,330 tons, and in the latter 24,818 tons. During the week the shipments were 14,375 tons; same week last year, 10,250 tons, which reduces the decrease on the year to 84,190 tons. The following are the monthly averages:— GLASGOW, Nov. 7 .- The depression which closed the week in the following are the monthly averages:-

 January
 686, 4d.
 489, 9d.
 June
 548, 9d.
 488, 9d.

 February
 71
 1½
 50
 4½
 July
 53
 0
 54
 7

 March
 77
 8
 50
 10
 August
 52
 6
 54
 9

 April
 78
 4
 53
 9
 September
 54
 8
 57
 4

 May
 57
 0
 64
 1
 October
 64
 8
 57
 10

 To-day the market was very firm, and a fair business was transacted
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at 53s. 6d. to 53s. 9d. cash, 54s. a month, closing puyers at the highest, sellers 14d. more. In Malleable Iron there b almost a stag-nation of business, and orders are not to be had even when quotations are made which are known to yield a mere', nominal profit. The greater portion of the works are on half time, and some are only employed a few hours a week.

Coals of the best descriptions are not in demand; and, as the ironmasters have not an outlet for their output, they are sending them into the market for sale. This is preventing prices from being kept up, and the consequence is that the sale coalmasters will have to reduce their prices is, per ton, and the colliers wages 6d, per day. The Cornish miners who have arrived here have been distributed partly in Ayrshire and partly in Gartsherric, where their comfort and their wants have been liberally attended to. Of course, the colliers are wroth at this invasion of their domains; and the depression in the shale oil trade having liberated a few hundred workers, the colliers are beginning to see that their condehave not have as a magningly well. played after all. The coal shipments of the week are 26,815 tons; last year they were 23,766 tons for the same week.

As the workmen of Mr. Hugh Kennedy, under the superintendence of Mr. M Donald, were engaged in exercising the track of the Greenock and Ayrshire Bailway, about a mile south-west of Port Glasgow, during the operation of blasting the rock there was exposed to view by the shot a hole, beautifully

lined with a very rich white spar, which presented a sight seldom seen. The full dimensions of the hole or cavity could not be ascertained, owing to the shot having taken away part of it, but what remained in a perfect state might be described as an oval cone, about 2 it. in length, lying in a horizontal position, pointing north and south, and about 18 feet below the surface of the rock. A pleece of the spar is in Mr. M-Donaid's possession, and has been seen by a number of persons, all of whom have pronounced it to be very rich and rare.

The shipbuilding trade on the Clyde last month has been carried on with somewhat more energy than during the three preceding months, owing to the termination of the unfortunate lock-out. The work on hand, however, is fast running out, and unless a change takes place in the cemand for shipping it is probable this trade will be very dull during the winter. The number of vessels launched last month, as compared with the corresponding month in the two preceding years, was as follows:— Vessels.— Tons.

Month ending Oct. 31, 1866——22——12,000

Month ending Oct., 1866——25——13,410

Ten months ending Oct., 1866——182——19,700

1864——174——187,000

1864——1864——182——146,300

The Peninsular and Oriental Company have purchased from Messrs.

The Peninsular and Oriental Company have purchased from Messrs.
W. Denny Brothers, Dumbarton, a screw steamer of fully 2200 tons, with engine of 500-horse power; price not transpired.

CORNISHMEN IN THE COLLIERY DISTRICTS.—Some of the papers contain complaints from the old hands at the pits that favouritism in work is shown to "Southerners"—miners imported from Cornwall; and that the latter are so unskilled in the work, and so incautions in the use of the safety-lamps, and ignorant of the proper means of regulating them, that danger results to the whole body of miners, and the old hands are afraid to work in pits with some of them. This is in part ascribed to leadousy, but it is very justly added—"Colliery proprietors should not risk the lives of those in their employ by employing inexperienced men in positions of danger. Pitmen have to be trained to their work and it cannot be expected that miners from a distance, who have never seen a colliery in their life before, should take to 'hewing' instinctively. Pit owners owe it to the men whom they bring from other parts of the kingdom, as well as to those previously in their employ, that the former should be fully instructed in all matters appertaining to their new duties before they are placed in a position to imperil, not only their own lives, but the safety of those around them. Were the colliery hands to go to the metal mining districts of Devon and Cornwall they would find that with all their coal hewing expertness it would be a long time before they would be able to compete with the men whom they now undervalue in their own proper work, and would be deemed incompetent. As a class the tin and copper miners of the West of England are surpassed by no other body of miners in England for intelligence, ability, civility, and good conduct; and, indeed, they far excel the men of many of the mining districts in all these qualities. Buttin and copper mining resembles coal mining lust as much as masonry does carpentry. In both the sphere of labour is underground, but, as regards everything else, the training required is totally different, and it is quite as foolish to find fault with a Cornish miner accustomed to work by the light of a naked candle fo CORNISHMEN IN THE COLLIERY DISTRICTS.—Some of the paper

New Mode of Properties of the state of the model was slightly greater than when going bow first, but this may be accounted for by the necessarily imperfect state of the model and the smallness of the engine. The whole trials, however, proved it to be most suitable for canal boat propulsion, , and along shallows—all which this simple contrivance seems ng. It is hoped that Mr. Watson's time, trouble, and expenditur oney will be rewarded by his invention being applied to the pr

REPORT FROM NORTHUMBERLAND AND DURHAM.

Nov. 8 .- The Coal and Coke Trades continue as last reported: the best house and steam coal trades continue good, but many of the coking and manufacturing coals are at present rather difficult to be coking and manufacturing coals are at present rather difficult to be got rid of. Should this continue any length of time the prices must give way, but, as the probability is that the number of mills and puddling-furnaces at work will now be rapidly increased, the demand for coal must shortly improve. The strike at the Sunderland Ironworks is at an end, the men having on Monday gone in at the reduction of 10 per cent. The number of men at work at Witton Park, Jarrow, and some other places is also rapidly increasing. At Witton Park some rioting has taken place in consequence of the strike, and several men have been committed for trial at the Assizes. The Iron Trade is certainly at a very low ebb throughout the district, and although the number of furnaces at present in blast is only 90, and no less than 51 are out of blast, the price of pig-iron at Middlesbro' is only 48s, for No. I. In addition to these furnaces, there are 16 in course of repair and building, so that the pig-iron at present produced is little more than one-half the quantity that the district is capable of yielding.

I had an opportunity of inspecting a model of the Ventilator of

had an opportunity of inspecting a model of the Ventilator of I had an opportunity of inspecting a model of the Ventilator of Mr. Lemielle, in Newcastle, on Saturday, and have no hesitation in saying that from the appearance of the machine, and the accounts given of its performance in Belgium and France (the said accounts being furnished and vouched for by eminent authorities), this machine is one of the best, if not the very best, ever introduced for the purpose of ventilating mines. The main distinction between this machine and others appears to be what are termed "pneumatic wings," these wings performing the office which is done by the "vanes" in other machines. These "wings" of Mr. Lemielle appear to be a very important invention. It is hardly possible to avoid pear to be a very important invention. It is hardly possible to avoid noticing that "vanes" have a paltry appearance, and, perhaps, in their use there is more or less uncertainty as to the air being really opelled in the right direction, but this is entirely obviated by the "wings," as they really take firm hold of the air, and must displace a quantity equal to the area of the said wings. There is also an ap-pearance of permanence and stability about the whole machine which pearance of permanence and stability about the whole machine which can hardly be found in other machines. The quantity of air extracted by this machine, as vouched for by French engineers (and the trials were witnessed by Mr. J. Higson, the well-known English mining engineer, and also by Mr. Ellis Lever, a Manchester gentleman of considerable experience), is something enormous. The trials were made at the Boussu Colliery, near Mons, on Feb. 11 last. The diameter of the circle in which this machine moves is 23 ft. 44 in.; the height of the body is 16 ft. 44 in., and the width of the wings is 8 ft. 21; in. With a presed of 10 revolutions per minute this machine the height of the body is 16 ft. 4\frac{1}{3} in., and the width of the wings is 8 ft. 2\frac{1}{4} in. With a speed of 10 revolutions per minute, this machine extracted 33-603 cubic yards of air per second, or 54,436-860 cubic feet per minute. With 18 revolutions per minute, 53-320 cubic yards was got per second, or 66,378-400 cubic feet per minute. It must be admitted that these figures represent large quantities of air, and it must also be admitted that the opinion appears to gain ground that, especially in shallow mines, a good ventilating machine possesses greater power, and consequently in some respects is superior to the furnace. But it must also be borne in mind that the use of machines here can only advance very slowly, and great caution will certainly be used in their introduction. The reason for this caution is simply the The reason for this caution is simply the ed in their introduction. fear that the machine may be stopped from accident or breakage at any moment: at any rate this is the main reason why it is opposed. any moment; at any rate this is the main reason why it is opposed. The furnace is not only powerful, and capable of maintaining ventilation, but it is regular and steady in its actions, and not at all liable to derangement. When a furnace is actually extinguished the ventilation in a deep mine proceeds with little alteration for a considerable time—for several hours in fact, and this is considered a siderable time—for several hours in fact, and this is considered a great advantage. However, in shallow mines it appears that machine ventilation is much more powerful, and it is possible that machines may become of much importance if introduced to work in conjunction with, or as an auxiliary to, the furnaces, as this arrangement would ensure safety in case a break or stoppage should take place with the machine.

explosion at the Pelton Colliery has, of course, caused a The explosion at the reiton colliery has, or course, caused a good deal of excitement. It was one of a very violent character, and there can be no doubt a most unlooked-for occurrence. According to common report, the seam was exceedingly well ventilated, and all the arrangements for working and ventilating the colliery were of a first-less absorbers and as the same was on account of its figry character. class character; and as the seam was, on account of its fiery character, worked exclusively by means of locked safety-lamps, the event assumes a very mysterious character. First, looking at the powerful ventilation, the fact that gas had accumulated in considerable quantities, which is proved from the explosion, appears to be most puzzling; and secondly, the mode by which the gas was ignited is another mystery,

worked exclusively by means of locked safety-lamps, the event assumes a very mysterious character. First, looking at the powerful ventilation, the fact that gas had accumulated in considerable quantities, which is proved from the explosion, appears to be most puzzling; and secondly, the mode by which the gas was ignited is another mystery, which will, perhaps, never be cleared up.

The adjourned inquest on the bodies of the men killed at the Pelton explosion was held on Wednesday. The first witness examined was Mr. William Armstrong, the head viewer, who gave a detailed account of the position of the mine, and the arrangements for ventilating and working the same. The quantity of air got by the furnaces of control of the remains of the per minute, which was the atmost that could be got by the furnaces. The machine at present used, with a water-guage of 9-10ths of an inch, which was the atmost that could be got by the furnaces. The machine at present used, with a water-guage of from 10 per minute, and when the machine is worked up to a water-guage of from 10 per minute. The south district, were the occurrence took place, is within seven acres, and the north district four acres. Only locked bay lamps are allowed to be used on the south side. The men irred shots, but this was only necessary in the exploring places, as the coal is applied to conch-paper, which explores the place is all safe the shot is first by means of the shots are three, and when the place is all safe the shot is first by means of the shots are fired, and when the place is all safe the shot is first by means of its applied to touch-paper, which explores the lamp and made red hot, and this is applied to touch-paper, which explores the place is the work of the shot is red by means of the shots are the shot and the fifth bord was holed into the next bord by the hewer, and a passage made through, and there were very falls from the root above, and all of them are locked, and all found in a perfect state. As to the cause of the occurrence, it had been

MESSRS. FOX, HEAD, AND CO.—This firm of ironmasters, in Newport, Middlesbro', having offered to open their works on the co-operative system, it may be interesting to know where the works are, what is chiefly manufactured at them, and the wages of the men previous to the present dispute. The works occupy an area of about three acres; the firm, however, are in possession of something like twenty acres of land. The stockton and Darlington Railway is close to the works on the south, the Tees runs past their frontage on the north, and there are blast furnaces on the east and west sides. There are 30 puddling and 10 mil furnaces. Boiler plates, ship plates, and bridge plates are the principal articles manufactured. The puddling is shingled by means of Morrison's steam-hammers. The forge train is worked by reversed gear. All the furnaces are well separated, care having been taken to supply plenty of air to the puddler. There are two plate mills, one with reversed gear, and the other with single gear. The shearing is accomplished by two 6-ft, cut Lilleshall shears. A line of railway is laid close in front of the shears, so that there is little trouble in loading up. There are also punching machines, and steam and other shears for cutting up puddled iron. The fettling used at these works is tap cinder and selected Swedish magnetic frontstone. The puddlers can average six heats a turn, making about 400 men. Two plate mill roilers in the reverse mill carned, from July to December last year, 2l, 0s, 2d, per day nett; they worked in the six months 120 turns. Two plate mill shearers averaged 21s, 1s, 11d, gross during the six months 120 turns. Two plate mill shearers averaged 21s, 1s, 11d, gross during the six months 12s turns. Two plate mill shearers averaged 21s, 1s, 1d, agross during the six months 12s, and he of the themselves 16, 2s, 4d, per day. The mill furnace men average 12s, sel, and the puddlers as, 8d, per day nett. The forge rollers clear 19s, and the shinglers less per day nett. The prices for shingling, forge MESSRS. FOX, HEAD, AND CO .- This firm of ironmasters, in New-

THE SHALE-HEAP.—Upwards of twenty years, to my knowledge, have gradually passed away since the hammer and chisel were first employed no foliating the black shale of our coal measure, to lay open to view the multipated remains of fossil fish with which it is so pregnant. During this time many lave directed their attention to this branch of geological science, but very little more than an elementary knowledge of it has as yet been obtained. To the energetising scientific explorer, who has time and opportunity at command, be pened a wide field for study in this branch of science. Although we cannot all ediscoverers of new things, yet anyone who has any taste for the subject may rofitably spend part of his time in splitting the shale, for it offers the same advantages now as when it was first opened out. It is true a visitor may come to nee of our shale-heaps and split away for almost a whole day without meeting eith anything particular as a reward for his labour, but the next day might be mply repaid for his trouble. I have carefully examined the shale, not only at his, but at most of the neighbouring collieries, and have found always the same find of fossils. Sometimes they may be found in abundance, at others they are are, thus proving beyond a doubt that the fish must have perished in shoals, thas been asserted by some that it can easily be known by looking at a piece of shale whether or not it contains any fossils. Than such a statement, I think, to hold converse with her we must open her leaves, or, in other words, plit open the shale before we can know what fossils she has concelled there. While examining through the miscroscope some joilshed sections of bone that I ave taken out of this shale. I have detected text so very minute that to the THE SHALE-HEAP .- Upwards of twenty years, to my knowledge, have stated. All these teeth, when the shale is removed from them, present a most beautifully dark and shining appearance, showing very clearly their enamelled surface. I have found some very curlous teeth in our shale heaps, with a large piece of enamelled-like substance at the point, which, when ground and polished, become an object of great interest to the microscopist. Jawa, spines, gancia scales, or scales with a hard and bright surface, and long pieces of bone, should always be taken, for a visitor to the shale-heap may rest assured that they are not always to be found. In a short time I shall be glad to exchange those fossils with anyone who may be desirous of doing so. In different parts of the country there may be a variety, and I shall most willingly "give and take" from anyone who may feel disposed.—John Sim: West Cramlington.

from anyone who may feel disposed.—John Sim: West Cramlington.

"Elfin," the local correspondent of the Nexcastle Daily Chromicle, anys—
The details of the sad accident at Pelton need little comment. No colliery explosion upon a large scale has occurred in this district for some years past, which is no doubt owing to the improved mode of ventilating and managing mines. The greatest skill and ingenuity of our mining engineers are, however, not capable of avoiding entirely such calamities as occurred last week. All that can be done is to take every reasonable prescaution to prevent accidents, and who they do occur to do the best that is possible to alleviate the sufferings of those who are affected by them. In the case of Pelton biame, I believe, cannot be a periodical training the content of the pit virtually under his command, is one of the best ventilated and managed in the different of the pit virtually under his command, is one of the best ventilated and management of the pit virtually under his command, is one of the best ventilated and management of the pit virtually under his command, is one of the best ventilated and management of the pit virtually under his command, is one of the best ventilated and management of the pit virtually under his command, is one of the best ventilated and management of the pit virtually under his command, is one of the best ventilated and management of the pit virtually under his command, is one of the best ventilated and management of the pit virtually under his command, is one of the best ventilated and management of the pit virtually under his command, is one of the best ventilated and management of the pit virtually under his command, is one of the best ventilated and management of the pit virtually under his command, is one of the best ventilated and management of the pit virtually under his command, is one of the best ventilated and management of the pit virtually under his command, is one of the best ventilated and management of the pit virtually under his command, is

and day for upwards of six months. The Pelton is one of the best gas coals in the district, and the colliery itself is understood to have been a highly profitable concern. Out of evil good sometimes arises; and I hope that this unexpect and sorrowful accident may be the means of inducing a larger number of only themselves as members of the Miners' Permanent Relief Fund of which Mr. A. Blyth, of Dudiey Colliery, is the efficient and respected secretary

REPORT FROM NORTH AND SOUTH STAFFORDSHIRE,

Nov. 8.—The Iron Trade in both divisions of this county continues in the depressed state previously noticed. There is still a good demand for sheets, and a fair one for hoops, but plates are very little in request, and common bars are in equally little demand. There is no special change, and from the near approach of winter improvement is regarded as not very likely on this side of Christment. The Hardware Trades are dull, and some slight improvement in certain branches only serve to prevent men from being thrown out of week. only serve to prevent men from being thrown out of work. Messrs. James Russell and Sons, of the Crown Tube Works, Wednesbury, have suspended payment. Mr. John James Russell, it may be remembered, was the prosecutor in the case which lately excited so much attention, in which the London agent of the firm was charged with extensive embezzlement, but not convicted, on its appearing that Mr. Russell had given him secret directions as to the payment of money to meet liabilities on account of procedulations which he be Mr. Russell had given him secret directions as to the payment of money to meet liabilities on account of speculations which he kept a secret from his family, and those concerned in the works. The failure is ascribed to calls on the New Zealand Bank, in which one of the partners was a shareholder. It is bound that he

money to meet liabilities on account of speculations which he kept a secret from his family, and those concerned in the works. The failure is ascribed to calls on the New Zealand Bank, in which one of the partners was a shareholder. It is hoped that the works may be carried on, and the creditors get a good dividend.

The proposed New Code of Colliery Rules for South Staffordshire and East Worcestershire, suggested by the Inspector of the district, with the approval of the Secretary of State, have for the last few weeks been under discussion by the members of the coal and iron trades, assisted by the mine agents of the district; and at a recent meeting of the trade held at Wolverhampton, and called for that purpose, it was decided to postpone their consideration or adoption for six months, in order to ascertain if any suggestions for their improvement are contained in the Blue Book emanating from Mr. Ayrton's committee, who have recently taken such a large amount of evidence upon the alleged complaints of colliers throughout the kingdom. Of course this adjournment must be considered by the Secretary of State, who set the matter in motion. A meeting of mine agents, whose responsibility the amended rules will increase, is called for the 19th inst. to consider the proposed alterations.

An accident resulting in the loss of two lives was the subject of an investigation before a coroner and jury at Walsall, on Monday. It occurred at the colliery of Mr. W. Harrison (a county magistrate), at Brownhills, on Oct. 24. The two deceased men were repairing the barrel in the pumping-shaft, and were suspended some 50 yards down the shaft, being slightly raised or lowered from time to time, according to the work they were doing. The engine at last did not work, and on the banksman going to the engine-house to see what was the matter he found that the engine was fixed upon the bottom centre, and at Baugh, request he took hold of the gears while Baugh went to the fly-wheel he could not tell, except that it was lifted out of gear;

be observed that the proprietor of this colliery has been pre viously fined for not having provided a break at the same colliery but not to the same engine, which is a new one. On Friday last a man was killed at Wednesbury by a distinct in

fringement of the Special Colliery Rules. It occurred at a colliery belongin Messes, Lloyds, Fosters, and Co. Contrary to the rule, which only allows p der to go down a pit in canlisters containing not more than 5 lbs. each, there a powder magazine cut out of the coal, and as a youth 15 years old was given to powder, which was his regular duty, some of it ignited; he was killed, others much injured. An inquest, at which Mr. Baker, Government Inspect of Mines was present, was held on Monday, when it appeared that the pow

At the Burslem Police Court, on Tuesday, Mr. G. Sale, manager of a colliery at Chesterton, acknowledged to having neglected to give notice to M Wynne, the Mines Inspector, of an actident, and as it was evidently an ina-ventency was only flued 1L and costs.

REPORT FROM MONMOUTH AND SOUTH WALES.

Nov. 8 .- Since last report there has been no material change in the South Wales Iron Trade; still the little alteration that has taken place has been on the side of improvement. The year is drawing towards its termination, and as it is not expected there will be any revivilication of spirit evinced in home transactions ere 1867 has made its appearance, attention is principally directed to the American and other foreign markets. The exposure in connection with the North British and other railways has greatly inpeded the development of the feeling of confidence which was gradually taking place in commercial circles, the want of which has rendered almost nugatory the present chempers of noney, and it will take some nugatory the present cheapness of money, and it will take some time before its deterring influence will be removed. As a natural sequence, makers are doubly cautious as to the nature of the trans-actions they enter upon, believing that a small and safe trade is the best policy to pursue under existing circumstances. This circum-spection is not confined to the home trade alone, but it is likewise adopted in almost all business transactions with the foreign markets, as stated in last week's report. The home requirements are, doubt-less, rather heavy, and orders will be given out as circumstances per-mit, but the general opinion is that the bulk of them will be kep pack until the close of the present or the commencement of the next quarter, when it is hoped that trade generally will be characterised by a much larger amount of confidence and prosperity. At present matters are very quiet, and orders for both rails and bars come in on the most limited scale. During the past week the except the property of iron has been about critical configuration to the United portation of iron has been almost entirely confined to the United portation of iron has been almost entirely confined to the Concestates, Sweden, and Italy, and it is expected that between the present time and Christmas a rather large quantity will be cleared out of the South Wales ports for the first-named country, as American specifications are being placed with a greater degree of freedom, and in most cases a prompt delivery is requested—a significant sign that Transatlantic buyers "rather guess" that the possession of office by the Republican party will render more likely the passing of the problibitors import tariff bill.

hibitory import tariff bill.

South Wales continues to receive its fair share of orders from

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that, should makers be able to maintain present prices till the spring. that, should makers be able to maintain present prices till the spring, an upward tendency will take place. There is a large demand for steam coal for the foreign markets, especially for the Mediterranean, the West Indies, South America, and the East, for which considerable quantities have been shipped during the past week; in fact, the demand has been so good, and is likely to continue so, that at several pits they are sinking to the lower measures; and the Cyfarthfa Works, which have always been conspicuous for their absence from the lists to the coal shippers, have entered the market with coal similar of steam coal shippers, have entered the market with coal similar in quality to the celebrated Aberdare. On inland account an extensive trade is being done. House qualities are in rather active request, and as the cold weather approaches there will, doubtless, be an in-

and as the cold weather approaches there will, doubtless, be an increased demand.

Some time since the Dowlais workmen objected to the appointment of medical men by the company, claiming that duty for themselves. In carrying out their ideas they went so far as to threaten a strike, and the resident trustee at last stated the intention of the company to allow the men to choose their own medical men, to close the schools, and do away with the fund; in fact, to put the men in the independent position they desired to be placed. This decision led the thinking portion of the workmen to ponder on the course that had been taken, and to consider the evils likely to arise from the new state of things, and the men petitioned to continue matters as they were. Upon this samed a peaceful termination, by the company agreeing to the petition.

In many instances a large amount of jealousy has been exhibited in the Aberdare Valley against the Cornish miners who have migrated there, and been employed at the collieries. To such an extent has this feeling been displayed, that last week it was discovered at a large colliery in the valley a plot had been laid for the waylaying of a number of Cornishmen, with a view of stoning them into a sense of the wrong they were inflicting on weeks colliers. On Saturday night it is stated a body of police were employed to watch a batch of Cornishmen who would not be leaving work till 12 o'clock, but nothing occurred to tend to a breach of the peace. It appears that the Cornishmen have given offence by being guilty of working after hours. It is to be heped that the feeling will soon die out, and that as there is plenty of work for all parties, both Welshmen and Cornishmen will work together in unity and peace.

The Newport Dock Company half-yearly meeting was held this

for all parties, both Weishinet and combinines with work together in unity and peace.

The Newport Dock Company half-yearly meeting was held this day (Thursday), at the company's offices (Mr. W. S. Cartwright in the chairy. The report showed that during the last half-year there was shipped 215,972 tons of coal, and 64,950 tons of Iron, against 158,230 tons of coal and 40,644 tons of tron shipped in the corresponding half-year of 1865. In moving the adoption of the report, the Chairman alluded to the increase in the exports of steam coal, and stated that in order to meet the increased trade a new coal statish had been ordered to be erected on the west side. The report was adopted, and a resolution was passed authorising the payment of the usual interest of 1, per share on the first preferent'al shares, and that 12 months' dividend up to March 31, 1865, be paid on the 545 preferential shares (Act 1854). A vote of thanks having heen accorded the Chairman, the proceedings terminated.

The Forchaman and Cwm Noel Collieries were sold by the directors of the United Merthyr Collieries Company (Limited), some few months

The Forchaman and Cwm Noel Collieries were sold by the directors of the United Merthyr Collieries Company (Limited), some few months since, to Powell's Duffryn Coal Company (Limited), and it was determined to wind-up the former company. Calls have since been made on the shareholders, but the latter have declined to pay, and they have formed an association with a view of seeking a thorough investigation into the formation of the company and its subsequent management, and also to resist the payment of the calls. From 70,000L to 80,000L was lost by the company in those two collieries, so it is not at all surprising that the shareholders are dissatisfied.

The arrivals at Swansea include—The Hannah, from Pomaron, with 150 tons of copper ore, to order; the Liberte, from Camillas, with 170 tons of zinc ore, to order; the Emily Coulet, from St. Malo, with 50 tons of iron ore, to order; the Anna et Agath, from Santander, with 180 tons of zinc ore, for E. 6, Stadler.

COAL PIT EXPLOSION AT DOWLAIS.—A dreadful explosion occurred at Euxton's coal pit, Dowlais, on Thursday, by which six men were burnt wo, it is thought, fatally.—Cambria Daily Leader.

THE INSTITUTION OF CIVIL ENGINEERS,-The session of this In-In LASTITICIANS OF CAVID EAVISLEIS.—THE SESSION OF this In-on will be commenced on Tuesday next, when two papers will be read and sed respecting the employment of steam-power on canals: one, by Mr. W. gram, detailing the results obtained on the Gloucester and Berkeley Canal: her, by Mr. Samuel Healey, recording the experience derived from the use t power on the Grand Canal, Ireland.

MANCHESTER GEOLOGICAL SOCIETY.—The annual meeting of this society was held on Oct. 25., at the Museum, Peter-street, Mr. E. W. Binney, F.R.S. (Preddent), in the chair. Mr. J. E. Forbes, F.G.S., one of the honorary secretaries, read a report of the council, which touched upon the various matters of interest arising at the monthly meetings, and which have been mentioned in the Journal from time to time. The financial statement showed that 119. 10s, had been received in subscriptions during the year, the balance in hand being this late of the bocks and specimens given to the society during the year. The curators' report was also handed in, containing a list of the bocks and specimens given to the society during the year. The reports were adopted and ordered to be printed, and the following officers were elected for the ensuing year:—President, Mr. E. W. Binney vide-presidents, Messrs. Chattwood, Aitken, Greenwell, and Eskrigg; hon. secs., Messrs. J. E. Forbes and Clegg Livesey; hon. curators, Mr. E. W. Binney and H. M. Ormerod; treasurer, Mr. H. M. Ormerod. The council were also elected, and thanks were voted to the several officers for their past services. A conversation arose as to desirableness of more frequent excursions, and the result was the adoption of the following resolution:—That three excursions at least be made during the ensuing year, and that the President, honorary secretaries, and Messrs. Aitken and Chattwood (with power to add to their number) be a committee to make the necessary arrangements," It was understood that an excursion would be made within the next month, of which notice would be given as soon as the preliminaries could be arranged. MANCHESTER GEOLOGICAL SOCIETY .- The annual meeting of this

THE TAVISTOCK IRONWORKS AND STEEL ORDNANCE COMPANY THE TAYISTOCK IRONORRS AND STEEL ORDNANCE COMPAN milited).—An order appointing a provisional liquidator of this company wi de during the vacation, and he had, as he was authorised to do, paid off general creditor who had got possession of part of the company's property, ition to wind-up was on the paper of the Master of the Rolls on Saturda t, and it having been stated that the company was in a state of insolvene, it the petition not capable of being resisted, an order, as asked, was made.

and the petition not capable of being resisted, an order, as asked, was made, NORTHFIELD IRON AND STEEL WORKS COMPANY (Limited).—
This company is being wound-up upon a petition presented by the Sheepbridge Coal and Iron Works Company (Limited). Mr. Fowier, the manager of the petitioners, was appointed to carry on the Northfield Company's Works until a sale could be effected. This had been attempted, but without success, in consequence of the heavy rent of 1400L, which had to be paid, and the landlord, taving been appealed to, had refused to reduce that amount. As Mr. Fowler's interim appointment expired last week application was made to renew it. It was stated that he took possession at a time of great depression, and it was believed, by a continuance of the works for a short time longer, they would be sold to greater advantage. The Chief Clerk directed an affidavit to be made by Mr. Fowler's so continuance of the works for a short time longer, they would be sold to greater advantage. The Chief Clerk directed an affidavit to be made by Mr. Fowler, and the matter stood adjourned for its production.

THE LAWTON IRONWORKS COMPANY (Limited).—This company is neonre of liquidation, the petition to wind-up having been presented on september 18, and the official liquidator, appointed on October 16. Application has been made to Mr. Peake, Vice-Chancellor Stuart's Chief Clerk, by the official liquidator, for permission to sell all the finished iron, loose, and other stock benights to the company, valued at about 2000L An affidavit by the liquidator fatted that iron was deteriorating in value, and was likely to do so; and that the property was not now sold it would fall to realise so good a price. The Chief Clerk made the order for sale by public auction at once.

LEESWOOD IRON COMPANY (Limited).—A petition for winding-up

lef Clerk made the order for sale by public auction at once.

LEESWOOD IRON COMPANY (Limited).—A petition for winding-up

LEESWOOD IRON COMPANY (Limited).—A petition for winding-up his company by the Court of Chancery has been presented to the Master of the folis by Messrs. John Chalk Barrett, Thomas Whaley, and John Thompson, coal roprietors, of the Nerquis-hall Coillery, near Mold.

WILTSHIRE IRON COMPANY (Limited).—A petition for winding-p this company by the Court of Chancery has been presented to the Lord-Chanellor by Mr. John Player, of the Norton Ironworks, near Stockton-on-Tees.

THE NANT COAL COMPANY (Limited).—This company was formed owerk mines in Mold, Flintshire. It had become indebted to its bankers 80001, and owed 30001, to other creditors, which it was unable to pay. Under these ircumstances a petition to wind-up was presented, and Lord Romilly on Saturay made an order, and authorised the appointment of the provisional liquiators as official liquidators.

dators as official liquidators.

The Gelynog Llantwitt Colliery.—This company being in Course of liquidation, under an order of the Court of Chancery, the whole of the property was submitted for sale, by public auction, by Messrs. Chinnock, Galsworthy, and Chinnock, on Wednesday. The sett comprised several valuable seams of coal, including the celebrated Macsmawr vein, and the workings for some time past were equal to an output of 150 tons of coal per day. This amoung is capable of a considerable increase, and a proportionate profit on the working. The company was wound-up in consequence of the recent monetary crisis. No bid was made for it, and the property remains in the hands of the liquidators.

id was made for it, and the property remains in the hands of the liquidators. UNITED MERTHYR COLLIERIES COMPANY (Limited).—It appears not a bill in Chancery has been filed against the directors, promoters, and liquistors of this company, praying that the Court of Chancery would restrain the quidators from taking any proceedings to enforce payment of the late call.

THE CROOKHAVEN MINING COMPANY (Limited).—This case was

heard before the Master of the Rolls last Saturday, and the question raised was, whether, all the debts being paid, a shareholder who had paid up his calls in full, whilst others had not, was entitled to have calls made upon the shares not fully paid, in order to recoup him his advances. The Anglesey Colliery Company's case was relied upon, and Lord Romlily made an order in the terms prayed.

NOVA SCOTIA LAND AND GOLD-CRUSHING AND AMALGAMATING COMPANY (Limited).—A petition for winding-up this company by the Court of Chancery has been presented to the Master of the Rolls by Messrs. William Armand and Benjamin Wier, of Hallfax, Nova Scotia.

HOLLOWAY'S OINTMENT AND PILLS-IMPORTANT TO EVERYBODY HOLLOWAY'S OINTMENT AND PILLS—IMPORTANT TO EVERYBODY. For more than 30 years these remedies have ranked before all curative remess, for the all-sufficient reason that they never can be wrongly used in either terral or internal diseases. Holloway's ointment should be well rubbed on the throat and chest in sore throat, enlarged glands, chronic cough, and wheezing, common catarrh and influenza, the ointment well rubbed upon the walls of e chest, aided by a few doses of the pills, soon effects a cure. The same treatent, judiciously followed up, removes diptheria, asthma, bronchitis, pleurisy, ad prevents the deep inflammation resulting in abscess or ulceration, so apt to use where throat or chest complaints are neglected. THE MINERAL RESOURCES OF BOHEMIA.

The enormous field for enterprise which Bohemia offers to the miner has been upon several previous occasions pointed out in the Mining Journal, and the immense wealth in minerals of this country is

The enormous field for enterprise which Bohemia offers to the miner has been upon several previous occasions pointed out in the Mining Journal, and the immense wealth in minerals of this country is proverbial on the Continent—Bohemia and its ore-mountains (Erzgebirge) may well be called the Cornwall of Germany, yet hitherto Bohemian mines have failed to take a prominent place upon the English market; partly because the mines proposed to be worked have not been well selected, but principally from the great want of judgment and local knowledge which has been displayed in connection with the management of the undertakings. With ordinary care in selection, and skill in development, there is no reason why the mines of Bohemia, which are rich, should not contribute largely to the material wealth of the Austrian empire, and more than compensate for any losses she may have sustained by the war with Prussia.

The best lays of coal and minerals have long been known to exist near Falkenau, Komotau, and Eger, but lack of railway communication has, up to the close of last year, précluded these mines from being brought in communication with the outer world. This want, however, is now met by several lines of railway being partly opened—partly in course of construction. The new line from Hof (Bavaria) to Ash, Eger, and Franzenbad, connects Bohemia, and principally Eger and its surrounding mines, with North and South Germany. A company is at present in course of formation—the Bohemian Coal and Mineral Company—which will, no doubt, cause attention to be directed anew to that country. The object of the company is to purchase for 70,000, the Hochberger estate, about six miles from Eger, with a manufacturing plant and profitable business attached thereto. The Hochberger estate is held in perpetuity from the Government on the payment of ½, per annum, and there are no other royalties or rents of any kind. There are 30 mines, compactly and favourably situated. These have of late not been worked, The aggregate value of the mineral cont

According to German papers, a great want of coals in all parts of According to German papers, a great want of coals in all parts of Germany, but especially in Bavaria, Wurtemberg, Baden, &c., has for some time been felt. This demand is but scantily supplied by the Saxon mines near Zwickau, who have more orders on hand than they are able to execute. Wood, which is used in many parts of Germany, is daily rising in price, and almost out of the reach of the middle and poorer classes. The company subjoins extracts from two of the most respectable German papers on that subject. A better supply is now looked forward to, owing to the opening of the Eger-Hof Italiway. The company comes forward with the recommendations that no promotion money is to be paid, and that half of the purchase money is to be taken in paid-up shares.

GOLD IN NEW BRUNSWICK.—In addition to the discovery some onths ago below the Grand Falls on the River St. John, gold has also been and on the Tobique river, which seems to promise good results.

AUSTRALIAN GOLD AT THE PARIS EXHIBITION.—It is intended forward to the Paris Exhibition a pyramid, representing the space which be occupied by all the gold produced in Victoria during the last 15 years, the height of the pyramid will be 50 ft. 10 in., and at the base it will measure ft. square. Its cubic measure will be 1994 ft., and it will represent a weight 1071 tons 3 qs. 12 lbs., of the value of 149,000.000d.

of 1071 tons 3 qrs. 12 lbs., of the value of 140,000,000l.

GOLD IN New ZEALAND.—A letter dated Christchurch, Sept. 6 says—"The accounts from the gold fields are most encouraging. Thousands are expected from Melbourne this spring, and already two ships have arrived with 509 passengers. The land sales in the province of Canterbury up to Aug. were—Town lands, 16,660 acres: rural, 650,000; the rural land sales during the past year having been 74,000, at 2l, per acre. The land held under lease by squatters is 5,756,448 acres, yleiding a yearly rent of about 39,000l., which will be increased about 59 per cent. at the end of seven years. The exports for the year ending June 30 were—Gold (Hokitika), 1,444,401; wool, 464,318; other produce, &c., 12,8271.; gold (Greymouth) six months, 277,4551, imports, 1,176,4561. excess of exports over imports, 1,022,515l. The wool exports are increasing about 29 per cent. annually, and the gold export is also much on the increase, being considerably over 1,000,000l. for the past six months."—S. W. Silver and Co.

Game Licenses.



THE COMMISSIONERS OF INLAND
REVENUE hereby give notice that LISTS, containing the NAMES of all PERSONS who have taken
rent year, to 30th September last, inclusive, have been printed for each Excollection.

se Collection. A COPY thereof may be obtained GRATIS by any person on application at a list office, or at the Offices of the Collector or Supervisor of Inland Revenue, istributor or Sub-Distributor of Stamps in the country, by whom Licenses are such.

issued.

The Commissioners further give notice that instructions have been issued to their officers to take the necessary steps to prefer informations for penalties against all persons found in pursuit of or dealing in Game without license.

WM. CORBETT, Secretary.

Inland Revenue, Somerset House, London, 3d November, 18

Memorial to the late Mr. Nicholas Wood.

MEMORIAL TO THE LATE MR. NICHOLAS WOOD.—
A PUBLIC MEETING will be HELD in the NEVILLE HALL, NEW
CASTLE-ON-TYNE, on SATURDAY, November 10, 1866, at Twelve o'clock a
noon, for the purpose of receiving and considering a special report of the com
mittee.
THOMAS E. FORSTER, Chairman.

Royal School of Mines, Jermyn Street.

MINERALOGY AND MINING—ROYAL SCHOOL OF F.R.S., will COMMENCE a COURSE of FORTY LECTURES on MINERALOGY at One o'clock, and SIXTY LECTURES on MINING at half-past Three o'clock, on MONDAY next, the 12th November, to be continued on each succeeding Tuesday, Thursday, Friday, and Monday, at the same hour. Fee for each course, £4.

COURSE, £4.

TRENHAM REEKS, Registrar.

MESSRS, J. H. GREENER AND CO. have always on their List important BUSINESSES FOR SALE, and others for PART DISPOSAL, in Shares or Partnerships, as well as WORKS FOR LEASE, and MONEY TO INVEST.

Parties desirous of disposing of such works as are mentioned below are invited to send particulars; and those wishing to invest will find this an advantageous medium for ascertaining the commercial value of the concerns which Messrs. GRENER and Co. negotiate.

The classes of property to which they chiefly devote their attention are—
COAL AND IRON MINES,
IRON FOUNDRIES,
NIRON FOUNDRIES,
NIRON FOUNDRIES,
SHIPBUILDING YARDS,
BREWERIES AND DISTILLERIES.
And large MANUFACTURING WORKS.
For CAPITALISTS and others, wishing to invest from £500 and upwards, Messrs. J. H. GREENER and Co. keep a Register of all Manufacturing Patents, which they consider likely to be remunerative, and they can advise parties interested in such.
Reports and Valuations made in connection with the business. Particulars

ports and Valuations made in connection with the business. Particular

on application. OFFICES,—5, JOHN STREET, ADELPHI, LONDON, W.C. TO INVENTORS.—THE LONDON PATENT AGENCY,

No. 21, COCKSPUR STREET, CHARING CROSS, LONDON,
PROCURES PATENTS for INVENTIONS at fixed and moderate charges.
A HANDBOOK GRATIS.
R. MARSDEN LATHAM, Manager.

E. MARSDEN LATHAM, Manager.

BRITISH, COLONIAL, AND FOREIGN PATENTS, REGISTRATION OF DESIGNS, COPYRIGHTS, TECHNICAL TRANSLATIONS, DRAWINGS, &c.

Mr. MICHAEL HENRY,
Memb. Soc. Arts, Assoc. Soc. Engineers, Author of the "Inventors' Almanac," and the "Defence of the Present Patent Law,"
PATENT REGISTRATION AND COPYRIGHT AGENT AND ADVISER.
Inventors advised in relation to Patents and Inventive and Industrial Matters. Printed information sent free by post. Specifications drawn and revised. Searches conducted. Abstracts, Cases, and Opinions drawn.
Translations of Catalogues, Trade Notices, and Circulars for the approaching Paris Exhibition. Mr. Henny has bad especial experience in technical French, and in French Manufacturing and Commercial Matters.
Offices, 68, Fleet-street, E.C., London, corner of and entrance in Whitefriarsstreet.

CHONTALES GOLD MINING COMPANY.—A CIRCULAR Containing particulars relative to this company's mines, and explaining the position of the different classes of shares, can be obtained on application at the office of Mr. J. H. MURCHISON, No. 8, Austinfriars, London.

THE CONSOLIDATED COPPER MINES OF COBRE.—
The Court of Directors of the Company of Proprietors of the Royal Copper Mines of Cobre, in pursuance of the resolutions passed at a Special General Meeting of the company, held on the 31st day of July, 1866, and confirmed at a Special General Meeting of the company, held on the 31st August, 1866, hereby REQUIRE the HOLDERS of the now existing CERTIFICATES of SHARES of the capital of the company to DELIVER the SAME, with their NAMES, RESIDENCES, and DESCRIPTIONS written thereon, at the office of the company, Gresham House, Old Broad-street, in the City of London, on or before the 3d day of December next, to the intent that the name, residence, and description of every person then holding any of those certificates, and the number of shares comprised therein, may be duly entered in a book to be kept for that purpose, and to be called "the Share Register Book?" and to the intent and so that every person so registered, his executors, administrators, and assigns, while holding any share or shares in the company, shall be bound to perform and observe in respect thereof all and singular the clauses, stipulations, and agreements contained in the company's Deed of Settlement and from time to time in force, and all other the laws, rules, and regulations of the company from time to time in force; and to the intent that such existing certificates shall and may then be cancelled; and the Court of Directors will thereupon deliver to every person so registered one or more certificate or certicates of his share or shares, specifying the number or numbers thereof, and the name, residence, and description of the proprietor.

And the Court of Directors further give notice that, if the holder of any of the THE CONSOLIDATED COPPER MINES OF COBRE.

the number of numbers elected, and the control of the proprietor.

And the Court of Directors further give notice that, if the holder of any of the now existing certificates shall not, on or before the said 3d day of December next, deliver the same with his name, residence, and description written thereon, at the office of the company for cancellation, the share or shares in respect of which default is so made will be declared absolutely forfeited for the benefit of the company.

WALTER SHAIRP,

Dated the 31st day of October, 1866.

Dated the 31st day of October, 1866.

PANT-Y-GLIEN SLATE AND SLAB COMPANY (LIMITED).—Notice is hereby given, that ALL CREDITORS of the ABOVE COMPANY are hereby REQUIRED to SEND IN THEIR CLAIMS to the Liquidators, Allhallows Chambers, Lombard-street, London, on or before the 30th day of November Inst.

GEO. RAWLINS, Liquidators. London, November 8, 1866.

THE CEFN CWM BRWYNO MINES COMPANY (Limited).—Notice is hereby given, that an EXTRAGRDINARY GENERAL MEETING of the shareholders in the above company will be HELD at No. 6, Queen-street-place, London, on FRIDAY, the 14th day of December, 1866, at Twelve o'clock at noon precisely, when a resolution will be proposed to dissolve the company, and to wind it up voluntarily, under the provisions of the Companies Act, 1862.

Dated November 9, 1866.

CENERAL MINING COMPANY FOR IRELAND (LIMITED).—Notice is hereby given, that the HALF-YEARLY GENERAL MEETING of the shareholders of this company will be HELD at their office, on MONDAY, the 3d day of December next, at the hour of Twelve o'clock noon, to receive the accounts for the past half-year, and to transact the general business of the company.

By order, II. C. FOWLER, Sec. Office, 29, Westmoreland-street, Dublin, November 9, 1866.

THE GONNESA MINING COMPANY (LIMITED).—
Notice is hereby given that the THIRD ORDINARY GENERAL MEET-ING of shareholders will be HELD at this office, on the 14th day of November instant, at Two 'clock in the afternoon, to receive the report of the directors, and a scatement of accounts for the year ending the 30th June last, and for general business, as authorised by the Articles of Association.

In conformity with such Articles, the following directors will retire from office at this meeting, viz.:—James Henry Enthoven, Esq., and Edmund Alfred Pontifex, Esq., but both are eligible for re-election, and offer themselves accordingly. The auditors, Frederick Enthoven, Esq., and John Phillips, Esq., will also retire from office, but are eligible and offer themselves for re-election.

By order of the board, W. G. WILLIAMS, Secretary.

6, Queen-street-place, London, E.C., 1st November, 1866.

PORT PHILLIP AND COLONIAL GOLD MINING COMPANY Offer PHILLIP AND COLONIAL GOLD MINING COMPANY
(Incorporated by Royal Charter).—Notice is hereby given, that an EXTRAORDINARY GENERAL MEETING of the sharcholders of this company
will be HELD at the London Tavern, Bishopsgate-street, London, on TUESDAY,
the 20th Inst., at One o'clock in the afternoon precisely, for the purpose of electing two directors in the place of Sir Charles Henry John Rich, Bart., and Capt.
James Vetch, R.E., who have resigned, and also for the purpose of electing a
trustee in the room of the said Sir Charles Henry John Rich, Bart.
In accordance with the Deed of Settlement, the above elections will be decided
by ballot. Proxies must be left with or sent to the company's office at least three
days previous to the meeting.

By order.

C. H. FIELDER, Secretary.

Offices, 35, Bucklersbury, London, E.C., November 7, 1866.

Offices, 35, Bucklersbury, London, E.C., November 7, 1866.

PONTGIBAUD SILVER-LEAD MINING AND SMELTING COMPANY.—The ORDINARY ANNUAL GENERAL MEETING of the sharcholders of the above company will TAKE PLACE in Parls, at the offices of the company, No. 24, Rue Richer, on FRIDAY, the 30th day of November instant, at Twelve of clock precisely.

The qualification to take part in this meeting is the holding of twenty shares, which must be deposited at the offices of the company in Parls, or at the agency in London, ten days before the meeting takes place. Shareholders may be represented by proxies at the meeting; but no one can be the bearer of a proxy unless he himself is the owner of twenty shares. Proxies must be upon French stamped paper, and according to the form, which can be obtained at either of the offices of the company.

London Agency, No. 5, Queen-street-place, November 7, 1866.

WILLIAMS'S PERRAN FOUNDRY COMPANY,
PERRANARWORTHAL, CORNWALL.
MANUFACTURERS of STEAM PUMPING and EVERY OTHER KIND of
ENGINES, together with BOILERS, PUMP CASTINGS, and MINING TOOLS
of every description, of the very best quality. Estimates given for the supply of
any amount of machinery. any amount of machinery.

London Agent.—Mr. Edward Cooke 2, Crown Chambers, Threadneedle-street.

London, E.C.

ITRO-GLYCERINE, OR NOBEL'S PATENT BLASTING OIL.—The EXPLOSIVE FORCE of this BLASTING OIL is TEN TIMES that of GUNPOWDER, and the ECONOMY and SAVING in TIME, LABOUR, and COST in removing granite and hard rock, in sinking shafts, driving tunnels, and opening forward in close ends is immense.

It will not explode from a spark or fire, but from concussion alone, and is consequently much less dangerous than gunpowder or gun-cotton.

Being heavier than water it sinks to the bottom of a wet hole, no other tamping than water being required.

One charge of this blasting oil, which is now being used with wonderful effect in all the largest slate quarries in North Wales, will displace as much slate rock as four or five charges of gunpowder; and its great force, acting on a large quantity of good slate rock, shakes and displaces it at the natural joints, or cracks, without damaging the slabs nearly so much as the more numerous blasts from any other blasting material would do.

This invaluable quarrying agent may now be obtained from Messrs. Webb and Co., Carnarvon, sole consignees from the patentee.

HUNT'S PATENT ORE SEPARATOR AND GOLD WASHING MACHINE.—Information respecting the above machines can be obtained UNIS FAIRNI ORD SETARATOR AND GOLD WASHING
MACHINE.—Information respecting the above machines can be obtained
on application to Mr. Villiam Ward, 95, Bishopsgate-street Within, or Mr.
JOHN HUNT, at his works, Porthleven, Helston, Cornwall.
N.B.—Any person making or using the above machines, without previously
obtaining a license, will be proceeded against according to law.

Now ready, in tuck, gilt edges, price 3s. 6d., by post 3s. 8d. (44 stamps),

Wow ready, in tick, gift edges, price 3s. 6d., by post 3s. 8d. (44 stamps),

GUTCH'S LITERARY AND SCIENTIFIC REGISTER,

ALMANAC, AND DLARY FOR 1867.

"Among readers ard writers there are few, whatever be the extent of their learning or the tenacity of their memory, who might not find it for their advantage to have such a prompter always at hand."—Daily Telegraph.

London: W. Stevens, 421, Strand.

RAILWAYS AND MINES.—Capitalists who seek safe and RAILWAYS AND MINES.—Capitalists who seek safe and profitable investments, free from risk, should act only upon the soundest information. The market prices for the day are for the most part governed by the immediate supply and demand, and the operations of speculators, without reference to the bona fide merits of the property. Bailways depend upon the traffic, expenditure, and capital accounts, the probabilities of alliance or competition with neighbouring companies, the creation of new shares, the state of the Money Market as affecting the renewal of debentures, and other considerations founded on data to which those only can have access who give special attention to the subject. Mines afford a wider range of profit than any other public securities. The best are free from debt, have large reserves, and pay dividends bi-monthly varying from £10 to £15 per cent, per annum. Instances frequently occur of young mines rising in value 400 or 500 per cent. But this class of security, more than any other, should be purchased only upon the most reliable information. The undersigned devote special attention to Railways and Mines, afford every information to capitalists, and effect purchases and sales upon the best possible terms. Thirty years' experience in mining pursuits justifies us in offering our advice to the uninitiated in selecting mines for investment.

MESSIS. TREDINNICK AND CO..

ST. MICHAEL'S "JOUSE, CORNHILL, LONDON.

THE PRACTICAL MECHANICS' JOURNAL for NOVEMBER. THE PRACTICAL MECHANICS JOURNAL for NOVEMBER, price is, with large engraving of "Improved Overhead Traveller," and fifty-one wood cuts. Original Articles on Some Points of Practice in Iron Founding; Planing Machines; on a Sew Air-pump; Feed Arrangement for Internally Fired Boilers; the Construction of Large Gramaries; Prentice and Inglis's Furnace for Annealing Metallic Plates; River Steamers for High Speeds; Theory of the Driving Belt; on the Flow through Apertures of Solid Bodies, Recent Patents: Steering Apparatus—James Skinner; Smoke Prevention—Wm. Naylor; Window Blinds and Screens—John Ballard. Reviews of Books, Mechanics' Library, Correspondence, Scientific Societies, Marine Memoranda, Monthly Notes, List of Patents, &c. London: Longmans, Paternoster-row Editors' Offices (Offices for Patents), 47, Lincoln's Inn-fields.

In the Court of the Vice-Warden of the Stannaries Stannaries of Cornwall.

IN RE WEST WHEAL FRANCES MINE.

TO BE SOLD, pursuant to an Order made in a Cause Pike and Another r. Ewen and Others, dated the 27th day of September last, at the Registrar's Office, Truro, on Wednesday, the 28th day of November Inst., at One o'clock in the afternoon.

6 (312th) PARTS OF SHARES of the defendant John Ewen; and 1 (312th) PART or SHARE of the defendant William Michell, Of and in the said MINE.

HODGE, HOCKIN, AND MARK

Of and in the said MINE.

HODGE, HOCKIN, AND MARRACK, Truro
(Agents for S. T. G. Downing, Plaintif's Solicitor, Redruth).

Dated Registrar's Office, Truro, November 8th, 1866.

In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

IN RE CAMBORNE VEAN MINE.

TO BE SOLD, pursuant to an Order made in a Cause Pike and Another v. Wood and Another, dated the 2th day of September last, at the Registrar's Office, at Truto, on Wednesday, the 2th day of November last, at One o'clock in the afternoon, a (4600ths) PARTS or SHARES of the defendants, of and in the said MINE.

Of and in the said MINE.

(Agents for S. T. G. Downing, Plaintiffs' Solicitor, Redruth).

Dated Registrar's Office, Truto, November 8th, 1866.

In the Court of the Vice-Warden of the Stannaries Stannaries of Cornwall.

In the Consolidated Causes of— TREGASKIS V. RABEY. READ V. SAME. BRAY V. SAME.

SANDERS AND ANOTHER V SAME. SANDERS V. SAME.

TO BE SOLD, pursuant to the several Orders made in the above-mentioned Causes, and dated respectively the 16th day of August last, BY PUBLIC AUCTION, at SOUTH WHEAL LEISURE MINE, in the parish of Perranzabuloe, within the said Staunaries, on Thursday, the 22d day parish of Perranzaonioe, within the said saudant in lots, the undermen of November inst, at Eleven o'clock in the forenoon, in lots, the undermen MINING MACHINERY, MATERIALS, and OTHER EFFECTS, the whole

at surface, viz.:—
ONE 24 in. PUMPING ENGINE, with BOILER, complete.
Capstan and shears, capstan and other rope, balance bob, shaft tackle, pumps,
windbore, doorpiece, working barrel, stuffing box and gland, matching piece,
plunger and bucket lifts, plunger pole, bucket and other rods, horse whim,
pulleys and stands, chain, capstan arm casting, crab winch, launders, chain,
ladder, tram wagon wheels, pair of levels, smiths' and miners' tools, timber,
carpenters' bench, scale and beams, saws, blocks, bucking mills, pins, griddies
candles, powder, rope, screw winch, and a variety of other materials in general
use in mines.

use in mines.

For further particulars apply to the person in charge thereof.

HODGE, HOCKIN, AND MARRACK, Solicitors, Truro.

JOSEPH ROBERT'S, Solicitor, Truro.

Dated Registrar's Office, Truro, November 2d, 1866.

In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

IN the MATTER of the COMPANIES ACT, 1862, and of the NORTH CHIVERTON MINING COMPANY.—By an order made by his Honour the Vice-Warden of the Stannaries in the above matter, dated this 8th day of November, on the petition of William Watson, of 27, Athenaum-street, Plymouth, in the county of Devon, mine agent, a creditor of the said company, and Edward Cooke, of No. 2, Crown Chambers. Threadneedle-street, in the City of London, broker, a contributory of the said company, it was ordered that the said NORTH CHIVERTON MINING COMPANY should be WOUND-UP by this Court, under the provisions of the Companies Act, 1862.

HODGE, HOCKIN, AND MARRACK, Truro.

Dated Truro, 8th November, 1866.

In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

IN the MATTER of the COMPANIES ACT, 1862, and of the TRESKERBY MINING COMPANY.—Notice is hereby given, that a PETITION for the WINDING-UP of the ABOVE-NAMED COMPANY by the Court was, on the 8th day of November, presented to the Vice-Warden of the Stannaries, by Harry Tilly, a contributory of the said company, and that the said petition is directed to be heard before the Vice-Warden, at the Prince's Hall, in the borough of Truro, in the county of Cornwail, on Monday, the 19th day of November Inst., at Eleven o'clock in the forenoon.

Any contributory or creditor of the company may appear at the hearing and oppose the same, provided he has given at least two clear days' notice to the petitioner, his solicitors, or their agents, of his lutention to do so, such notice to be forthwith forwarded to P. P. Smith, Esq., secretary of the Vice-Warden, Truro.

iro. Very such contributory or creditor is entitled to a copy of the petiti-daylt verifying the same, from the petitioner, his solicitors, or their hin 24 hours after requiring the same, on payment of the regulated

er rollo.

Affidavits intended to be used at the hearing, in opposition to the petition, ust be filed at the Registrar's Office, Trure, on or before the 15th day of Nov. ist., and notice thereof must, at the same time, be given to the petitioner, his dictiors, or their agents.

HODGE, HOCKIN, AND MARRACK, Truro, Cornwall, GREGORY, ROWCLIFFE, AND ROWCLIFFE, 1, Bedford-row, London (Agents of the said Solicitors).

Dated Truro, November 8th, 1866.

In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

TN the MATTER of the COMPANIES ACT, 1862, and of the WHEAL WILLIAM MINING COMPANY.—ALL CREDITORS or CLAIMATS of the ABOVE-NAMED COMPANY who have not received notice from the Registrar of the said Court that their claims have been already admitted, are hereby REQUIRED to COME IN and PROVE THEIR SEVERAL DEBT OF CLAIMS at the Registrar's Office. Truro, on Weddresday, the 21st day of November Inst., at Eleven of the clock in the forenon, or in default thereof, they will be excluded from the benefit of any distribution made before such proof. And for the purpose of such proof they are either to attend in person, or by their solicitors or competent agents; or, unless such attendine be required by the Registrar's summons, they are to send affidavits of their several debts or claims to the Registrar of the Court, at Turo, such affidavits to be sworn either before some Commissioner of the said Court, or before any Court, Judge, Justice, or any Commissioner of one of the Superior Courts lawfully authorised to take and receive affidavits and affirmations.

WM. MICHELL,
Dated Turo, November 7th, 1866.

Registrar of the above-named Court.

In the Court of the Vice-Warden of the Stannaries.

Stannaries of Cornwall. IN the MATTER of the COMPANIES ACT, 1862, and of the SOUTH ALFRED CONSOLS MINING COMPANY.—ALL CREDITORS OF CLAIMANTS of the ABOVE-NAMED COMPANY who have not received notice from the Registrar of the said Court that their claims have been already admitted, are hereby REQUIRED to COME IN and PROVE THEIR SEVERAL DEBTS or CLAIMS at the Registrar's Office, Truro, on Tuesday, the 20th day of November inst., at Eleven of the clock in the forenoon, or in default thereof they will be excluded from the benefit of any distribution made before such proof. And for the purpose of such proof they are either to attend in person, or by their solicitors or competent agents; or, unless such attendance he required by the Registrar's summons, they are to send affidavits of their several debts or claims to the Registrar of the Court at Truro, such affidavits being sworn either before some Commissioner of the said Court, or before any Court, Judge, Justice, or any Commissioner of one of the Superior Courts lawfully authorised to take and receive affidavits and affirmations.

and receive affidavits and affirmations.

WM. MICHELL,
Registrar of the above-named Court, Truro, Cornwall.

In the Court of the Vice-Warden of the Stannaries.

Stannaries of Cornwall.

Stannaries of Cornwall.

In the MATTER of the COMPANIES ACT, 1862, and of the WHEAL HARTLEY MINING COMPANY.—TO BE SOLD, under the direction of the Registrar of the said Court, by PUBLIC AUCTION, on Monday, the 19th day of November Inst., at Eleven o'clock in the forenoon, at WHEAL HARTLEY MINE, in the parish of Gwinear, within the said stannaries, either together or in Lots, the MINE SETT or GRANT of the said company, and the undermentioned MINING MACHINERY and MATERIALS, viz. —

ONE steam PUMPING ENGINE; BOILEN, with pipes; balance bob, shears and shleves, capatan and stavs, rope, horse whim and chain, pumps, windbores, doorpieces, plunger pole and stuffing box, pumps, matchings, wood rods, working barrels, rod plates, one pair caps and side plates, ladders, 12 pump from rods, shaft rod shleves, one long screw, smiths' and miners' tools, wood house and roofs, timber, hutches, launders, wood fences, copper or dressing materials, one parcel of copper ore, and one parcel of blende; account house and office furniture, and a variety of other articles and effects in general use in mines.

The materials may be inspected at any time prior to the sale, on application to Mr. WILLIAM IBBOTT, in charge thereof.

HODGE, HOCKIN, AND MARRACK, Solicitors, Truro. Dated Registrar's Office, Truro, Nov. 8, 1865.

TENDERS FOR THE PURCHASE OF A MINE SETT IN CORNWALL.—The LIQUIDATORS of the SOUTH LOVELL MINING COMPANY are OPEN to RECEIVE TENDERS for the PURCHASE of the LEASE of this PROPERTY, having an unexpired term of 19 years, together COMPANY are OPEN to RECEIVE TENDERS for the PURCHASE of the LEASE of this PROPERTY, having an unexpired form of 19 years, together with the PLANT, ORES, MACHINELY, and MAJERIALS at surface and

underground.
Tenders to be sent in on or before Tuesday, the 12th November, endorsed
"Tenders for South Lovell Mine," addressed to the Liquidators, care of Messrs.
Stibbard and Beck, solicitors, 2, East India Avenue, Leadenhall-street, E.C.

FOREST OF DEAN-SOUDLEY IRONWORKS

MR. JAMES KARN WILL SELL, BY AUCTION, at the M. R. JAMES KARN WILL SELL, BY AUCTION, at the Spread Eagle Hotel, Gloucester, on Thursday, the 15th day of November, 1866, at Four o'clock in the afternoon, all those BLAST FURNACES, situate at Soudley, in the Forest of Dean and parish of Newnham, in the county of Gloucester, called the SOUDLEY IRONWORKS, with the MACHINERY, YARDS, and LAND thereunto belonging, and containing together about TWELVE ACRES (more or less).

Also the GALE of IRON ORE, known by the name of Tingle's Level, in the sald Forest of Dean.

The above-mentioned furnaces are most advantageously situate about a mile and a quarter from the shipping port of Bullo, on the river Severn, and close to the Dean Forest branch of the South Wales Railway. Abundant supplies of ore, limestone, cinder, and coal can be obtained in the sald Forest, and coke, by means of railway, at a moderate cost for freight from Wales.

The water never falls in the driest seasons. The furnaces have been for several years past, and are now, in full and active operation, and will be sold as a going concern.

yeral years past, and are now, in the analyst types of the concern.

They have during the last three years been carried on by Messrs. Goold Brothers, and as, in consequence of the death of one of the partners, a change in the firm necessarily takes place, they are now in the market.

Part of the purchase-money may, if required, remain on mortgage, and one of the surviving partners would be willing to continue part owner, and to join any respectable persons in the purchase of the property.

The purchaser will have the opportunity of buying a moiety of that portion of the Findail Iron Mine Work near to the said furnaces, now the property of Messrs, Goold and Cooper.

For a view of the property, and further particulars, apply to Mr. Alfred Goold, or Mr. Tom Goold, both of Newnham, in the county of Gloucester.

Messrs, toold and cooper.

For a view of the property, and further particulars, apply to Mr. Alfred Goold, or Mr. Tom Goold, both of Newnham, in the country of Gloucester.

BY MESSRS. NEWBOLD AND OLIVER.

DOVE HOLES, NEAR BUXTON.

TO RAILWAY CONTRACTORS, COLLIERY PROPRIETORS, ENGINEERS, AND OTHERS.

MESSRS. NEWBOLD AND OLIVER beg respectfully to give notice that they are honoured by the Directors of the Midland Railway Company with instructions to SELIL, BY AUCTION, at Dove Holes, near Buxton, on Wednesday and Tbursday, the 21st and 22d of November, 1866, the WHOLE of the PLANT used during the construction of the Dove Holes Tunnel, on the Midland Extension to New Mills and Manchester, consisting of Eight PUMPING and WINDING ENGINES, viz.—three horizontal engines, 12 in. cylinders, and 2 ft. stroke; one ditto, 18 in. cylinder, 3 ft. stroke; ditto, 16 in. cylinder, 23f ft. stroke; ditto, 16 in. cylinder, 18 in. stroke; ditto, 20 in. cylinder, 4 ft. stroke. WINDING and PUMPING ENGINES, with moveable gear; boliers to each, pumps, and all fittings complete. About 106 tons of flat-bottomed rails, 5 toe bobs complete, of various sizes; set of pump rods; 16 plpes, 13 in. diameter, 9 ft. long, &c.; ditto, 11 in. plpes, 19 in. diameter, 9 ft. long, &c.; ditto, 11 in. plpes, 19 in. diameter, 9 ft. long, &c.; ditto, 8 in. 13 in. diameter, 9 ft. long; working barrel, clack, windbore, &c., complete; wrought from cages for shaft, with covers, fans, bolts, and nuts; plates for centres, serap and old metal, wagon wheels and pedestais, 2 in. metal pipes, 3 in. steam ditto, trolleys, wagon frames, tunnel wagons, water ditto, wood cisterns, 17 was a part of the metal, wagon wheels and pedestais, 2 in. metal pipes, 3 in. steam ditto, trolleys, magon frames, tunnel wagons, water ditto, wood cisterns, 10 was a proper of the day of sale and office fixtures, &c., &c.

Sale to commence each day at 11 o'clock, for half-past to the minute.

Dove Holes Station, on the London and North-Western Railway, is within a few minutes' walk of the p

BY MESSRS, NEWBOLD AND OLIVER.
DERBYSHIRE.—OAKERTHORPE COAL AND IRONWORKS, near DER
with the LEASES of MINERALS from HIS GRACE THE DUKE OF
DEVONSHIRE and RICHARD C. STRELLEY, Esq.

DEVONSHIRE and RICHARD C. STRELLEY, Esq.

MESSRS, NEWBOLD AND OLIVER are homoured by instructions from the Liquidator of the Oakerthorpe fron and Coal Company (Liquited) to SELL, BY AUCTION, at the Midland Hotel, Derby, on Thursday, 29th November, 1886, at Your o'clock, the above important COLLIERIES and IRONWOIRS, with the PLANT, &c.

The Works are situate close to the Wingfield Station on the Midland Railway, fourceen miles north of Derby. Trains from the North stop at this station—8-52 A.M., 11-16 A.M., and 4-16 F.M.; from the South, 6-44 A.M., 7-59 A.M., 11-7 A.M., and 2-2 P.M.

and 2.2 P.M.
Plans, &c., can be inspected at the office of the works; and any information
may be obtained from the Liquidator, John Hedley, Berby; or Messrs, WoodHouse and Jeffcock, Mining Engineers, Berby. Printed particulars may be
obtained from the above gentlemen; the Auctioneers, Berby; or Messrs, Milles,
Gregory, and Bouskill. Solicitors, Leicester.

An order to inspect the works may be obtained of the Liquidator, or of Messrs odhouse and Jeffcock.

VALUABLE FREEHOLD ESTATE, WITH COPPER MINE, MACHINERY AND MATERIALS.

NALUABLE FREEHOLD ESTATE, WITH COPPER MINE, MACHINERY, AND MATERIALS.

M. R. BLAKE WILL SELL, BY AUCTION, at the New Auction Mart, Tokenhouse-yard, City. London, on Tucsday, the 20th November, 1866, at Twelve for One of clock precisely, subject to conditions to be then produced, all that very VALUABLE FIREHOLD ESTATE, known as the COLCHARTON ESTATE, situate near TAVISTOCK, in the county of DEVON, consisting of a capital FARM of about SIXTY-SEVEN ACIRES of well-entityated land, and excellent homestead and farming appointments, now in the occupation of Mr. Gill; also all that very promising COPPER MINE thereon, partially developed by the GREAT DEVON AND BEDFORD (COLCHARTON) COPPER MINING COMPANY (LIMITED), now in course of voluntary winding-up, with all its MINERAL RIGHTS, and the ENGINE-HOUSE, OFFICES, POWDER-HOUSE, CARPENTERS' and SMITHS' WORKSHIOPS, TOOLS, PLANT, MACHINERY, and MATERIALS thereunto belonging; comprising—

1 20 in, diameter evilinder double rotary STEAM-ENGINE, with flywheel 11 tons, 10-ton BOILER, sweep rods and cranks attached, complete

1 shears, 60 feet high, with oak caps and pullies

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2 shears and

fms. 8-in, pumps gin H-piece and 1 gin door-pie 10 in.door-piece and doors, com 9 in. working barrels

90 fathoms whim chain 1 41-in. smith's bellows, anvil-screw tools & stocks, smith's

a fins. s.ii. pumps
1 gin it piece and I gin door-piece
1 10 in.door-piece and doors, complete
2 9 in. working barries
3 9 in. working barries
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4 in in. amith's bellows, anvil, vice, screw tools & stocks, smith's tools
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6 in in. and 5 in in. and 5 in

IN THE FOREST OF DEAN, COUNTY OF GLOUCESTER.
VALUABLE COAL MINING PROPERTY, extending overan area of 142 acres
together with the MACHINERY and PLANT.

together with the MACHINERY and PLANT.

MESSERS. GADSDEN, ELLIS, AND SCORER WILL SELL,
BY AUCTION, at the Mart, Tokenhouse-yard, in the City of London,
on Friday, November 23, at Twelve o'clock, the FARMER'S FOLLY and WINDMILL PIT COLLIERY, situate in the Forest of Dean, in the parish of English
Bicknor, two and a half miles from the market town of Coleford, and near to
Mommouth, Newland, Stanton, Lidbrook, Reibrook, River Wye, and the Kernebridge, which forms a direct communication into Mommouthshire and Herefordshire. It comprises about 142 acres of unworked caal of the Coleford High Delf
Vein, and estimated to contain some millions of tons. The great value of the
coll in this district is fully established for all purposes, as well as the certainty
of the yield. There is every appliance for developing the mine, and, with capital
at command, it could be most profitably worked, either by a private individual
or a company. An Act has been obtained for a line of railway between Monmouth and Coleford.
Held under a perpetual grant from the Crown at a nominal royalty.

mouth and Coleford.

Held under a perpetual grant from the Crown at a nominal royalty.

May be viewed. Particulars may be obtained of Messrs. CROSLEY and BURN.
Solicitors, 25, Birchin-lane, London; of Messrs. Court and Sox, Auctioneers,
&c., Monmouth; at the principal hotels at Gloucester, Hereford, and Birming-ham; at the Mine; and of Messrs. Gadsder, ELLIS, and Scorer, 18, Old Broad-street, London.

FOR SALE,—A SECOND-HAND PORTABLE OR TRACTION STEAM ENGINE, of 7-horse power; has reversing gear; with or without NE, of 7-horse power; has reversing gear; with or without -Apply to Barrows and Carmichael, Portable Engine Works, Banbury, Oxon.

NORTHAMPTONSHIRE, within five miles of the town of Northampton, the COGENHOE ESTATE, comprising several FARMS, WATER CORN MILL, SUNDRY COTTAGES, forming nearly the whole of the village; PLOTS of BUILDING and ACCOMMODATION LAND, the whole containing together 445 Acres; the MANOR, with extensive rights of Fishing; also the important MINERALS under the Estate, of IRONSTONE, POTTERY CLAY, SILVER and GLASS SAND,—the whole producing a present rental of £1300 per annum.

MINERALS under the Estate, of IRONSTONE, POTTERY CLAY, SILVER and GLASS SAND,—the whole producing a present rental of £1309 per annum.

MESSRS. FAREBROTHER, CLARK, AND CO. are instructed to SELL, BY AUCTION, at the George Hotel, Northampton, on Saturday, December the sith, at One for Two o'clock precisely, in Twenty Lots, the COGENHOE ESTATE, freehold and tithe free, situate about midway between Northampton and Wellingborough, intersected in part by the Peterborough branch of the London and North-Western Railway, and only a quarter of a mile from the Billing station, comprising several FARMS, WATER CORN MILL, the greater portion of the VILLAGE BUILDING and ACCOMMODATION LAND, the whole containing about 445 acres, and producing a rental of £1309 per annum, independent of the undeveloped mineral wealth comprised therein. Also, the MANOR or LORIDSHIP of COGENHOE, with valuable rights of fishing. To capitalists this estate offers a wide field of enterprise, and assures a certain prospect of sound and unlimited trade. Inexhaustible beds of the finest clays, on a hill with white sand and loam, making first-class red and white bricks, tiles, drainage pipes, and terra cotta, glying a trade which will command the London market, to which there is ready access by railway and canal at remunerative rates: 10 feet of iron ore extends over more than 200 acres. This ore is now in great request in the iron-producing districts, with all of which this estate is in direct communication. By utilising the white clay and sand above the ore, the latter would be got free of expense. There are large deposits of limestone and gravet ballast. There is an excellent plant on the estate, and a line of rails aiready laid down, so that operations, either in the brick or iron trade, may be commenced at once.

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already laid down, so that operations, either in the brick or iron trade, may be commenced at once.

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Manufactured and raw mineral samples of this estate are to be seen at the offices of Messrs. Farehrofter, Clark, and Co., 5, Lancaster-place, Strand; at Messrs, Dawson, Bhyan, and Dawson, solicitors, 33, Bedford-square; and at Messrs. Dawson, Bhyan, and Dawson, solicitors, 33, Bedford-square; and at Messrs. Markham, Northampton, where particulars and plans of the property may be had; also at the place of sale, the "Hind," Wellingborough; the "Royal Hotel," Kettering; and the "George," Market Harborough. The lands will be shown on application to Mr. James Sharman, Cogenhoe.

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lat ropes.

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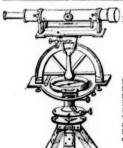
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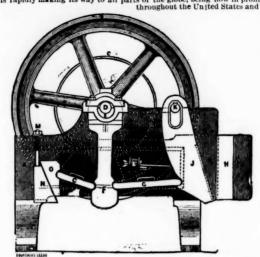
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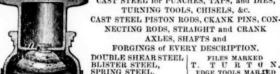
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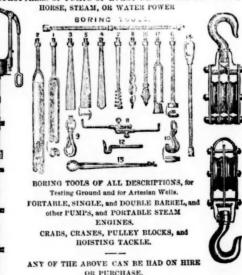
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THE MINING SHARE LIST.

BRITISH DIVIDEND MINES.

BRITISI	.1	D .	. , 1	DE			MI.	IN E	10.						
Shares. Mines.	1	Paie	1. 1	Last	Pr.	Bu	sinas.	8. 7	otal	di	es. I	er	sha	re. Last	paid.
1500 Alderley Edge, c, Cheshire*	10		0.											O. Aug.	
200 Botallack, t. c. St. Just	91		0											D May,	
10000 British Slate Company	9		0								er ce			Sept.	
1000 Bronfloyd, I, Cardigan*			0											A Amer	1000
1000 Broundyd, t, Cardigan														O. Aug.	
6400 Cashwell, I, Cumberland*			0		**				-0		6			6Aug.	
916 Cargoll, s-l, Newlyn	15		7								0			Feb.	1866
867 Cwm Erfin, l, Cardiganshire*			0.,			18	20				0			Oct.	1866
128 Cwmystwith, l, Cardiganshire			0								0)Oct.	1866
280 Derwent Mines, s-l, Durham			0						167		0	5	0 ()Oct.	1866
1024 Devon Gt. Consols, c, Tavistockt	ı		0			430	450		1036		0		0 (Sept.	1866
358 Dolcoath, c, t, Camborne				330					816	10	0	2	0 (Oct.	1866
6144 East Caradon, c, St. Cleert			6	6		334	614		14	5	6	0	2 6	July,	1866
300 East Darren, I, Cardiganshire	32	0	0	-					119	10	0	2	0 0	Sept.	1866
128 East Pool, t, c, Pool, Illogan	24	5	0	400							0			Sept.	
5000 East Rosewarne, c, t, Gwinear	2	15	0	2	18	48.	68.				6			Jan.	
1906 East Wheal Lovell, t, Wendron	3	9	0	13			12		2					May,	
2800 Foxdale, l, Isle of Man*	25		0	-		**			69					Oct.	1866
5000 Frank Mills, I. Christow			6	-					3					Feb.	
15000 Great Laxey, l. Isle of Man*	4		0	181	4	10	19		5					Sept.	
5908 Great Wheal Vor, t, c, Helstont			0	19		16								Sept.	
1024 Herodsfoot, I. near Liskeardt			0	32			31		39						1866
6000 Hingston Down, c †			6	02	**	20	91								
400 Lisburne, I, Cardiganshire, Wales		15		-										April	
9000 Marke Valley, c, Caradon			6				11/		476					Sept.	
	1	10	0	43	8	4 .	74		3		0			Oct.	1866
3000 Minera Boundary, l, Wrexham*				MANUAL PROPERTY.							0			Mar.	
1800 Minera Mining Co. I, Wrexham*	25		0	-					205		0			Nov.	
40000 Mwyndy Iron Ore*†	3	9	0	_					0		6			Mar.	
600 Pant-y-Glien, sl.*	20		0	-							cer			May,	
200 Parys Mines, c. Anglesey*	50	0	0	-					157					Jan.	1866
1120 Providence, t. Uny Lelant	10		7	2.3		20	25		81					Aug.	
512 South Caradon, c, St. Cleer	1			330		300	330		534	10	0	5	0.0	Sept.	1866
6000 South Darren, ! *	3		6	2		134	2		0	5	6	0	2 6	June,	1866
6000 Tincroft, c. t. Pool, Illogant	9	0	0	9		814	9		18	6	0	0	5 0	Oct.	1866
3000 W. Chiverton, I, Perranzabuloet	-	-		60		58			13	7	6			Aug.	1866
400 West Wheal Seton, c, Cambornet.	47	10	0	1371		3216	1371		461		0		0 0	Oct.	1866
512 Wheal Basset, c, Illogant	5		6	75		75			622		0			Oct.	1866
1024 Wheal Friendship, c. Devon	20		0	-			-		300		0			Mar.	
4295 Wheal Kitty, t. St. Agnes	5		6	-							0			May,	
2000 Wheal Rose, c. Scorier				-					ĩ						1866
396 Wheal Seton, t. c. Camborne		10	0	150		140	1.45								1866
1040 Wheal Trelawny, s-1. Liskeardt	5	17	0	8	**	7								June.	
17000 Wicklow, c. i, Wicklow		10		-		2278			16					Oct.	
THE REAL PROPERTY OF THE PARTY	-	10				44 8	40		10	0	0	0 1	0 0		1900
		_	-											-	

BRITISH MINES WITH DIVIDENDS IN ABEYANCE.

1200	Bryn Gwyn, 7. Mold*	9	0	0	Annua			3	3	6	0	13	6 Aug.	1865
2880	Clifford Amalgamated, c. Gwen	31	10	0	8	 736 8		35	6	0	0	10	0June,	1865
	Craddock Moor, c, St. Cleer	10	18	0	-	 		7	12	0	0	4	0June,	1865
	East Carn Brea, c. Redruth	3	15	0	23	 216 23		0	5	0	0	5	0June.	1865
	Mining Co. of Ireland, c, l, cl	7	0	0	-	 1874 1	9	19	18	11.	0	16	1July.	1865
	New Birch Tor and Vitifer Cons. t	1	6.	6	Married Woman	 		0	13	0	0	2	0. Oct.	1865
6000	West Basset, c. Illogant	1	10	0	-			26	14	0	0	5	0July.	1865
1024	Wheal Exmouth, I, Christow		-		-								6Oct.	1865
1024	Wheal Mary Ann, I, Menheniott	8	0	0	-	 10 12							0Mar.	

FOREIGN DIVIDEND MINES.

5600	Cape Copper Mining*+	7	0	0	814	834	914	 2 12 6 0 10 0 April, 1866
21500	East Indian Coal, Calcutta	10	0	0				 - ,, ,,
15000	Fortuna, I, Spain*+	2	0	0	21/4	22	214	 1 5 4 0 2 0Oct. 1866
	Gen. Mining Assoc., Nova Scotia+			0				 22 9 0 1 0 0 June, 1866
10000	Gonnessa, l.* [5000 £5 pd., 5000 £2	pd.]	-					 754 per cent. per annum.
5000	Linares, t. Spain*†	- 3	0	0				 11 6 4 0 5 0 Jan. 1865
59275	New Wildberg, I	2	0	0				 0 12 0 0 2 0Aug. 1865
10000	Panulcillo, c**	.3	0	0	334	314	334	 10 per cent Yearly.
90000	Pontgiband, s-l. Francet	20	0	0				 2 19 8 0 16 8 Dec. 1865
27500	Port Phillip, g. Clunest	1	0	0	54	74	1	 0 15 6 0 1 0July, 1866
	Scottish Australian Mining Co.t.			0	36	34	34	 0 1 0 0 0 9. May, 1866
51000	St. John del Rey, Brazil**	1.5	0	0,.	52	50	1.2	 68 15 0 4 0 0 June, 1866
	Victoria (London) [25000 €1 pd., 2	5000	128	. 6d	. pd. [0 9 0 0 1 0Jan. 1866
10000	West Canada Mining Company	1	0	0				 0 19 6 0 2 6 May, 1866

FOREIGN MINES WITH DIVIDENDS IN ABEYANCE.

10000 Alten and Quænangen United. c.	4	10	0	_			4	5	0	0	15	0Nov. 1853
20000 Australian, c, South Australiat	7	7	6				 0	2	0	0	1	0June, 1865
2464 Burra Burra, c, South Australia.	5		0				325	0	0	5	0	0Dec. 1864
12000 Cobre Copper Company, c, Cubat.			0		 2	3	 101	0	0	1	0	0Jan. 1865
10000 Copiapo Mining Company, Chilit	16	0	0	person.			 6	18	0	0	10	0Nov. 1862
100000 Don Pedro No. del Rey, Brazil**			0				 0	0	9	0	0	9Dec. 1863
70000 English and Australian, c	2	10	0	1	 34	. 1	 1	12	0	2	0	0Aug. 1864
68000 Kapunda Mining Co., Australia†			0				 0	12	0	0	1	0June, 1864
10000 Lusitanian (Portugal)	2		0				 1	7	0	0	3	0June, 1865
103815 Mariquita and New Granadat	1		0				 0	54	6	0	1	6July, 1859
43174 United Mexican, s, Mexico	28		0		 144	2	 2	19	0	0	5	0. Sept. 1864
10000 Vancouver, c/* +	5	0	0	-			 0	1.5	0	0	5	0Nov. 1864
45000 Yudanamutana, c, S. A. *	3	0	0	1	 74	1	 0	5	0	0	5	0Aug. 1863

NON-DIVIDEND FOREIGN MINES.

Shares	Mines.	P	aid	1.	L	ast	Pr.	Bus.	don	e. Last	Ca17
	Alamillos, I. Spain*t		0					114		Fully	
100000	Anglo-Brazilian. g**		9						-/*	May,	
40000	Brittany Silver-Lead Mines, France* [15750 18s. pd.		_								1000
95000	Capula, s. Mexico*+		12	0				114	136	Aug.	1866
20000	Chontales, g, s, Nicaragua*†		0					234		Oct.	
10000	Coplapo Smelting, Chili*						*	- /4		April	
300	Copper Miners' Co. of South Australia * [150 £100 pd	. 17	0 £	70	nd	. 1				Nov.	
50000	East del Rey, g. Brazil**		15							June	
15000	El Chico Silver Mining and Reduction Company		10			MINERAL PROPERTY.				Jan.	
	English and Canadian Mining Company*		0							Fully	
50000	Frontino and Boliv'a, g. New Granada*+		10				6	74	98.	Ang.	
80000	Great Northern, c. South Australia *		11				*		00.	Sept.	
	Great Barrier Land, Mining, &c., New Zealand*		0			-				Fully	
12000	Nerbudda Coal and Iron . [6000 £5 pd., 3000 £3 pd.]	**	-			-				Ang.	
50000	Nova Scotla Land and Gold*	1	15			_				Sept.	
15000	Otea. c. New Zealand* [5000 fully paid]		10			-				April	
6000	Peel River Land and Mineral*+	100				_				Stock	
20000	Pestarena, g**	2						174	914	Aug.	
93000	Quebrada, c. Venezuela*†		0				8			Fully	
10178	Rhenish Consolidated, l [6000 £5 pd., 4178 £2 10s. pd.]	4.0							718	May,	
50000	Rossa Grande, g. Brazil*	0	7		* *	-				April	
1.50000	San Pedro del Monte, s, Mexico*		0			_				Jan.	
10000	San Roque, I, Spain		0							Fully	
1000	Schlossberg Colliery*		0			-	* *	,	0		pa.
20000	Val Antigoria, g**		15			-				Tester	1000
12/10/0	Val Sassam. s, c, l**		10			-	* *	11/	12/	July,	
5000	Valgodemard Mining Company*		0					11/4	1.8	April	
50000	Vallanzasca, g. Italy**					world	* *			Fully	
45000	Victor Emanuel, c. Italy.		15			-				July.	
90000	Washoe, g, [10000 £5 pd., 10000 £4 pd.]	I.	0			_		1.27	01/	Fully	pa.
80000	Warthing a South Australiant		_			-		176	278	** YZ 13	
#500	Worthing, c. South Australia	1				_	**			Fully	
£ 69/010	Yorke Peninsula, South Australia	1	0	13		-				Fully	pd.

BANKS AND FINANCIAL COMPANIES.

	,			** *		4 4.74		
Shares. Banks.	1	Paid.	L	ast F	r.	Bus.	don	e.
40000 Alliance**	25	0.0		201/4		1814	19	
40000 Australian Mort. Land and Financet		0.0		51/4				
20000 Australasia	40	0.0				63	65	
10000 Bank of Egypt+	25	0.0		30		28	30	
10000 Bank of New Zealandt	10	0.0		18		17	19	
25000 Bank of Otago*+	10	0.0		7		4	67	
25000 Bank of Queensland*†	25	0.0		-		25	10	
50000 Bank of Victoria, Australiat	25	0.0		-		37	39	
£0000 Brazillan and Portuguese**	10	0.0		9		81/4	91/4	
8915 Canada Company	20	10 0		80			80	
50000 Canadian Loan and Investments	9	10 0		11/4				
40000 Chart, Bank India, Aust, & Chinat	90	0.0				17	18	
30000 Char. Merc. India, Lond. & Chinat	25	0.0				34	36	
figure City?	10	0.0		17		15	16	
20000 Coloniai*	42.5	0.0				35	37	
40000 Company of African Morehants #4	100	0.0				2	23	
150000 Consolidated Bank**				534		-		
200000 Credit Forcier and Mobiler of England 4	67	0.0				5	51/4	
10000 Discount Corporation*	90	0.0					7.0	
20000 East London**	100	0.0				3	4	
20000 English, Scottish, & Aust., Chart 4	200	0.0		19		614	1754	
20000 English and Swedish **	1268			14		13		
250000 General Credit and Finance of London**	6.	0.0				33/4		
20000 Imperial Bank**	Oct	0.0				22	24	
150000 International Financial Society**	100			234			234	
200000 International Land Credit**	0	0.0				11/2		
4000 London African Trading**	20	0.0		- 1/2			7	
50000 London Chartd, Bank of Australiat	20	0.0		921	4. 5	211/4	2214	
27500 London and County	90	0.0			2			
40000 London Financial Association**	95	0.0					814	
7g000 London Joint-Stockt	15			44		41	43	
5000 London Mercantile Discount**	10	0.0						
10000 London and South-Western*†	90	0.0				17	18	
20000 London and Westminstert	20			93		93		
50000 Mercantile and Exchange**	11	10.0						
17156 Metropolitan and Provincial*f	20	0.0				10	11	
20000 Mineral Rights Association*	1	0.0					2.5	
20000 National of Australia*	A	0.0				5	6	
10000 National of Liverpool*	10	0.0					13	
40000 National*	30	0.0				67		
37500 New South Walest	20	0.0				44		
40000 Union of Australiat	25	0.0						
80000 Union of Londont	15	0.0						

1	1, 1	TAILWAY	AND	COMM	ENCIA	ப	GAZETTE.	LNov.	υ,	1900.
	1	PROC	RESSIVE	MINES.		Shar 500	0 Pendeen Consols, c. St. Just	Paid. Last Pr. 1 5 15 0 —	Bus. do	ne. Last Ca.
	400	res. Mines. 00 Ballacorkish, Lof 1		. Last Pr. Bus. d	lone. Last Call.	400	O Penhale Wheal Vor, t, c O Penhalls, t, St. Agnes O Penhale and Lomax, s-t	2 15 0		Oct. 18
	30 32	00 Bedford Unit., c, T 00 Bedford Unit., c, T 00 Bedfol Aur, l, Holy 00 Blatendyffryn, s-l* 48 Boscaswell, t, c, St 00 Brytherd Hill, t, Plyn 00 Brytherd Hall, l, Plyn	avistk.* 2 6	8	July, 1866	1500	0 Penhale and Lomax, s-l 2 Penhallow Moor, s-l 0 Penralt, s-l, Merioneth*	9 10 0		Oct. 186
aid	1 100	00 Billins, l, Flint 00 Blaendyffryn, s-l*	30 0	0	Fully pd.					Feb. 18
186	6 12	48 Boscaswell, t, c, St 00 Bottle Hlll, t, Plyn	Just 7 1	6	Sept. 1866	51	2 Polberro, t, St. Agnes 2 Polbreen, t, St. Agnes 0 Prince Arthur Consols, l*	8 0 0		Fully po
186		00 Brynford Hall, l, F 00 Bryn Gwiog, l, Fli 00 Caldbeck Fells, l, C			Jan. 1866	1280	9 Prince of Wales, t, Calstock	0 10 0,. 368	6s. 29s	Fully po
186	6 3000	00 Caldbeck Fells, l, C 00 Camborne Consols, 00 Camborne Vn. & W	umber.* 1 5	0 13% 1 11/4	Sept. 1866 Feb. 1864		O Prosper Un., t, c, St. Hilary O Redmoor, c, t, Callington O Reinnie Laxey, t, I. of Man*	1 9 6		July, 186 Feb. 186 Feb. 186
186 186	800	o Cape Cornwall, c. 8	t. Just* 2 5	0,,	Jan. 1866	500	Rhafna, l, Carnarvon* Rose and Chiverton Untd.	0 11 0	5 514	Dec. 180
186 186	6 9	OC Caradon & Phoenis	Cons.* 0 12 St. Cleer 30 13	6 10 10 15	April,1865	2000	Rosecur and Tolcarne	5 0 0— 5 2 6—	0 11/4	Feb. 186
186	6 600	14 Caradon Cons., c, t 10 Carn Brea, c, t, Illo 10 Carn Camborne, c, to 10 Carn Camborne, c, to	Cambn. 2 0	6 26s 28s. 2	Sept. 1866 5sOct. 1866 Fully pd.		Rosewall Hill and Ransom Rosewarne United, c, t,	3 10 6 16	3/4 1/4	Aug. 180
186 186	6 400	00 Carnaryonshire, 1* 05 Cardigan Cons. * [10	000 £5 pd., 3005	£4 5s. pd.]	April,1866 Sept. 1866	20500	O Snaefell, l, Isle of Man* O Silver Brook, s-l, Carmar.*	1 0 0	10 /4	July, 18d Fully po July, 18d
86	6 2000	00 Cardiganshire, l* 00 Carysfort [3200 £2]	pd., 16800 £1	% pd.]	Mar. 1865	12000	Sithney Wheal Metal, t Sortridge Cons., c, Tavist.	4 5 6		Oct. 186
86 86	6 250	00 Castell Carn Docha 00 Cefn Cilcen, I, Flint 00 Central Minera, I*	* 2 18	0 6	Ang. 1866 April.1866	100	South Basset, c, Gwennap. 2 South Bryn Gwlog, I	7 0 0		June, 186 Feb. 186 July, 186
86	6 1600	00 Ccfn Cilcen, l, Flin 00 Central Minera, l* 00 Central Snailbeach 00 Chiverton, l, Perrai 00 Chiverton, l, Perrai	l 1 0	0614 63	Fully pd.	1024 6000	South Callington, s-l South Carn Brea, c, Illogan	5 12 6 2362 8 10 6 —	16 236	July, 186
86	6 400	0 Clara Unit. 1. Pont	erwyd* 2 10	0	8 Aug. 1866 July, 1865	9500	So. Chiverton, s, l, Perran. South Cornwall, t* 1			June, 186
86	6 1600 6 25	O Coolartra & Bond*[466 Condurrow, c, t, Ca O Connorree, c, sul, W	300 £1 pd., 1070 mborne 76 10	00 16s. pd.]	Feb. 186a	2288	So. Condurrow, t, c, Camb. South Crenver, c, Crowan 1	3 11 0 381)s. 12s.	Oct. 186
86	6 240	O Cook's Kitchen, c,	llogan. 19 14	9 0 4/9 0	Fully pd. July, 1866	5000	S.Dolcoath&Carnarth.Con. So. Exmouth, l, Christow	2 17 0		Aug. 186
86	6 102	4 Copper Hill, c, Red 0 Cornish Clay and T 0 Cornwall Great Cor	ruth 12 10	0	Fully pd.	1024	O So. Foxdale, l, I. of Man* So. Herodsfoot, l, Liskeard O South Lovell, t, Wendron O South Minera, l, Wrexham*	9 10 0		Mar. 18
866	86	1 Crane, c, Camborne	32 4	6	May, 1866 July, 1866	4000	South Bluera, I, Wendron South Minera, I, Wrexham*	5 0 0		Mar. 186
860 860	250	O Crelake, c, Tavistoc O Crowan Consols, c,	Crowan 5 11	0	July, 1866 Dec. 1865	30210	South Pant-y-Gof, l 2 South of Scotland*	0 17 6 —		May, 186 Sept. 186 Feb. 186
866	3500	0 Cuddra, t, St. Aust 0 Dale, l, North Staff	ord 1 0	0 58 38. 58	June, 1866 Fully pd. Oct. 1866	400	So. Wh. Frances, c, Illog. † 1 South Wheal Grenville, t, c	8 18 9 2220	0 221/2	June, 186
866	5 500	0 Darren, l, Cardigar 0 Devon Great Maria	* 7 0	0	May, 1866 Sept. 1866	4152	South Wheal Leisure, t, c So. Wh. Seton, c, Camborne 7	1 10 0		Feb. 186
866	102	0 Devon Wheal France 4 Devon Wheal Lopes 0 Drake Walls, t, Cal:	, c* 17 0 t	0	July, 1866	3000	South Tolgus, c, Redruth	9 10 0		Aug. 186 Dec. 186
866	65	6 Ding Dong & Gulys	1 48 14 (i	Sept. 1865 June, 1864	794 280	Spearne Cons., t, St. Just Spearne Moor, t, St. Just St. Day Unitt, Redruth 1	6 19 6 — 5 2 0 —		June, 186
866	2500	O Dundalk, Ireland, E	0 12 (–	April, 1866 June, 1866	940	St. Day Unit., t, Redrath 1 St. Ives Consols, t, St. Ives. St. Ives Wheal Allen, t 1	5 10 0 —		Sept. 186
	100	O Dolfrwynog, g*	nth+ 99 10 0	0 26 24 26	Feb. 1865	760 8000	St. Ives Wheal Allen, t 1 St. Just United, t*	7 12 0 — 2 10 0 —		May, 186 Fully pd
86! 86!	100	rast basset and or	VIIN, C) ::	July, 1865 Oct. 1865	7000	St. Just United, t* St. Just Cons. t [6000 £1 pd., Stiperstones, l, Salop* Stray Fark, c, l, Cambornet 4	3000 5s. pd.] 4 0 0,		Oct. 186
862 862	200	DE. Bottle Hill, t, Pl DEast Buller, c, Gwer DEast Chiverton, l, P	nap 2 0	0	Mar. 1865 Sept. 1866	2000	Swincombe vale, to	0 12 6		Oct. 186
861 861	204 600	E. Falmonth, s-l, Ko E. Grenville, c, Cam	enwyn. 5 0 (i	April, 1864 May, 1866	6000	Tin Hill, t, St. Austell Tolcarne, c, Camborne	3 16		Jan. 186
862 862	6000	E. Gunnislake & S. East Holyford, c, Ir	Bed. c. 9 0 c	i —	Aug. 1866 Oct. 1866	572	Tolvadden, c, Marazion Trelyon Consols, t, St. Ives. 1. Trencrom, t, Uny Lelant 1.	5 10 0 —		Jan. 186
86.	6000	East Jane, s-l, Card East Laxev, l, Isle o	nham. 2 17 0	0	April,1865 Dec. 1865	501	Tresavean and Trethurrup 1:	5 10 0 516		April, 186 Nov. 186
	398	E. Providence, t. U.	ov Lel. 4 18		Aug. 1866 Aug. 1866	4096	Trewenen & Tremenheere Treweatha, s-l, Menheniot. Treworlis, t, Wendron 10	6 17 0 —		June, 186 Jan. 186 Sept. 186
866	5000	E. Tresavean, c, Gw East Snaefell, l, L, o	ennap. 0 10 0 f Man* 2 0 0) —) —	May, 1865 Dec. 1864	6400	Troedyrhiw, t* Trumpet Cons., t, Helston. 1	0 4 6		Mar. 186
866	6000	East Seton, c, Camb	orne 0 11 0		Oct. 1865 Jan. 1866	6400	Tyne Head, t, c*	0 17 0		Sept. 196 Aug. 186
865	1190	East Tolgus, c, Red; E. Wh. Agar, c, St.	Cleer., 12 17 (April,1866 Jan. 1865	4200 60000	Welsh Gold, Dolgelly*	0 0		Fully pd
865	4000	E. Wh. Russell, Tay	istock† 11 14 0	314314 314	July, 1866 Oct. 1866 Nov. 1866	20000 1024	West Beam, t*	0 0		Fully pd
865 866	6000	Ellen Unit., c,z, St. Fortesche Consols Fowey Conc, Tywar	Agnes* 1 0 0	:: = ::	June, 1866	1000	West Clogau, g, Merioneth. West Cwm Erfin, l*	0 0		Fully pd July, 186
866 866	1 6000	Furze Hill WoodCon.	Buckl. 1 16 0		Feb. 1866 Mar. 1865	2850 256	West Damsel, c. Gwennap, 3	8 10 0		Aug. 186
866 866	1026	Fursdon, c* [5000 €] Garden, t, Morvah.	5 12 9	:: - ::	Mar. 1865 Feb. 1866	5000	West Godolphin, t	3 0 0 11	4 1%	June, 186
	4000	Garlidna Unit., t, W Gawton, c, Tavistoc Gen. Min. Co. for Ire	k 3 5 6	234 314	Feb. 1866	12000	West Nanty I.	0 0 0		Oct. 1866
	441111111	Grangow Caragon c*	BINNERS FI Der . I	DOUG TOS. DEL. I	Sept. 1866 Sept. 1865	1000	Westminster, &	6 10 0	51/4	Fully pd.
65	6144	Golch Hill, l, Flints Gonamena, c, St. Cle Gothic, s-l, Cardigar	er 5 14 0	%	Aug. 1866	1056	West Stray Park, c, Camb. 11	26		Mar. 1863
65	5680	Goginan	nhvnt 69 0 0	6 . 45	April, 1864	512 512	West Tolgus, c, Redruth 50 W. Wh. Frances, t, Illoganio	15 0. 6		Oct. 1866
862 863 864	10000	Goginan Grambler and St. A Great Caradon, c, S Great Devon and B	. Ives. 3 9 0	14 14 14	Aug. 1866	10000	W. Wh. Frances, t. Illoganios W. Wh. Kitty, t. St. Agnes. W. Wh. Martha, c, s, Stoke.*	5 6	4 1/2	Sept. 1866 July, 1866 Oct. 1866
664 665	5000	Great Mona I Isla o	Man 9 3 10 0		May, 1866	4096	W. Wh. Prosper, t, Lanivet W. Wheal Vor. t, Helston. Wharfedale Mining Co. *	15 0	,	Oct. 1866 Mar. 1860
59	5000	Great North Downs.	C 5 18 0	218276 278	Oct. 1866	6000	Wheal Agar, c, Illogan Wheal Basset and Grylis, t	8 0 114		July, 1866
64	6000	Great Retallack, s-l.	b 1 19 0	1% 1% 1%	Oct. 1866	1000	Wheal Curtis c Crowan	10 0 20 1	9 20 .	Aug. 1866
104	6000	Gt. So. Tolgus, c. Re	druth. 0 19 6	114 14 34	Aug. 1866	ROOM	Wheal Crebor, c, Tavistock 2 Wh. Damsel, c, t, Gwennap 2	2 6 3/ 1	4 % .	Oct. 1866
77.	3000	Great West Chiverto Great Wheal Badder	$n, t \dots 1 0 0 $ $n, t \dots 7 17 6$:: = ::	June, 1864 June, 1863	4096	Wh. Edward, c, Calstock 9 Wheat Emily Henrietta, c, 10	16		July, 1862 Dec. 1862
d. 66	1798	Gt. Wh. Busy, c, t, K Gt. Wh. Fortune, t, 1	3reage 26 12 0	.: - ::	July, 1866 Sept. 1866	4000	Wh. Emma, c, Buckfastlet. : Wheal Grenville, c, Camb, †	190		Oct. 1866 July, 1866 Aug. 1866
66	119	Great Wh. Metal, Br Great Work, t, Germ	oe100 0 0		May, 1865	1024	Wh. Grylls, L. Perranuthn, 10	11 0		Aug. 1866 May, 1866
66 66	10240	Grit and Stapeley, P. Gunnislake (Clitters), t, c. 4 15 0		July, 1864 Aug. 1866	6000 1024	Wheal Hartley, c, Gwinear Wheal Ida, s-l, St. Ive	0 0		.Sept. 1866
66 66	6068	Gwydyr Pk. Con., Ll: Hallenbeagle, c, Ken Harwood, l, Durham	wyn 2 9 0	= :: ,,	Aug. 1866 Aug. 1866 Sept. 1864	512	Wh Margaret t Uny Let 19	10 0		Sept. 1866
66 d.	5000	Havan, I, Cardigan*	4 15 0		Mar. 1866 July, 1866	728 100	Wheal Margery, t, c	4 10. — .:		.Oct. 1866
66 62	5000	Hawkmoor, t, c, Cals Hendre, t, Flint*	4 0 0		April,1865 June, 1866	1000	Wh. Mary Huichins, Plymb. 1	5. 42	:	.May, 1868 .Aug. 1866
d. 65	6000	Illogan, t, c Lady Bertha, c, Tav	stock† 3 19 6	:: - ::	Oct. 1866 June, 1866	80	Wh. Norris, t, c, St. Cleer. 4 Wheal Owles, t, St. Just. 70 Wh. Par, t, St. Blazey 8	6 1 ::	:	.Sept. 1861
65 66	1019	Leawood, c, l, Lydfor Leeds and St. Aubyn Lelant Cons. t, Uny	t, c., 19 13 4		Mar. 1866 Mar. 1863	1024	Wheal Polmear, c 8 Wheal Polmear, c 8 Wh. Reeth, t, Uny Lelant. 116 Wheal Sarah, t, Lanivet 6	8 0		.Jan. 1860 .Sept. 1860
66	160	Levant, c, t, St. Just Levant United, St. J	10 8 1	:= ::	June, 1866	1500	Wheal Sparnon, c. Redruth	13 8 — ::		.Mar. 1860 .June, 1864
66	2000	Lower Park, I. Denb.	gh* 3 11 0.		Jan. 1864 Jan. 1866	1920	Wh. Trannack, c. Sithney, 1	12 3		.July, 1866 .April, 1865
66	6000 5000	Maudlin, c, Lostwith Merllyn, l, Flint Minera Western Bou	iel 4 7 0.		May, 1865 Jan. 1866	1200 4096	Wheal Trevenna, t, c* 8 Wheal Uny, t, c, Redruth 10 Wheal Vlow, t, Perranzab. 1 Wheal Union c, Redruth	0 0		.Aug. 1866
1.					Sept. 1863 Aug. 1865	4450 6000	Wheal Vlow, t, Perranzab. 1 Wheal Union, c, Redruth. 5	7 0		.June, 1866 .Feb. 1865 .June, 1866
1.	640 1024	Mount Pleasant, I, M Nangiles, t, c, Kea	old 4 0 0.	. 16 12 16	Oct. 1866				•	, a tine, tseq
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1.	#50M103	New Chillord, c. Gwei	map z o o,	. 6/2	Aug. 1866 Mar. 1866	60000	MISCELL. Anglo-American Telegr. *† 10	0.0 105/ 14		
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=	6514	N. Crow Hill, I. St. St New East Birch Tor, New E. Russell, c. Ta Nether Hearth, I. Du	vistk. 0 10 6.	:= ::	Sept. 1866 May, 1865					
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	470	Newtonards min. Co.	DOWN OU UU.		Aug. 1866	20000 50000	City London Real Prop.*† 6 City Offices*†	0 0 13	434	
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	6000	No. Dolcoath, c, Camt North Downs, c, Redi	uth 4 11 4.	: - ::	Oct. 1866	00000	E. Indian Land, Credit*†. 10 Ebbw Vale Iron Co.*† 23 Egyptian Com. & Tradg.*† 9	0 0 10 81/4	41/6 .	
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	6000	North Jane, t. sl. Ken North Kit Hill, t, c*.	wyn. 3 0 6.	. 1	1	25000	Fairbairn Engineering * 1. 5 Fore-street Warehouse * 1. 12	0 0 . 41/2 . 4	41/4 :	:
	20000	North Levant, t, c, St Nth. Minera, I, Wrex	ham* 1 0 0.	: = ::	Sept. 1866 Fully pd.					
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-	2000	North Pool, c. Illogan No. Roskear, c, Camb No. Shepherds, l, Nev No. Treskerby, c, St.	dyn., 6 0 0.	354 214 224	Sept. 1866 July, 1866	20060	Humber Ironwo: ks*† 20 Im. Land Co. Mersailles*† 10	0 0	2	
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- 1		b, blen	ue; ct, coal; c,	copper; g, gold	, t, read ; 8, 81	.ver	and and and arrest man ! b' p	,,		

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- *.* Companies marked thus * have been incorporated with Limited Liability; those marked † have been admitted on the Stock Exchange
- *.* Our object being to make the Share List correct, we carnestly call upon those who have the power to aid us, by forwarding any alterations or correction which may, from time to time, come under their notice. To shareholders, as well as those officially connected with the mines, we appeal for information. Reports from mines—in fact, mining intelligence of every description, forwarded to our office, will meet with ready attention.

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